

# The CHEMIST AND DRUGGIST

for RETAILER — WHOLESALE — MANUFACTURER

JULY 14, 1951



**Bonus Terms** of thirteen to the dozen are offered in return for display services.

**Attractive Showcards** are available on request.

**Cream:** (for the treatment of fungous infections of the skin) Containers of 1 oz. 2s. 6d. + 6½d. P.T.

**Dusting Powder:** (for the prevention of reinfection) Containers of 2 oz. (sprinkler tins) 2s. 9d. + 7½d. P.T.

manufactured by  **MAY & BAKER LTD**

# 'PHYTODERMINE'

trade mark

brand

## CREAM AND DUSTING POWDER

48482

distributors **PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD. DAGENHAM**

Index to Advertisers pp. 5 & 6

**TWO ANTIHISTAMINES  
IN ONE TABLET**

**DIBISTIN**

*(Antistin 0.05 g. plus Pyribenzamine 0.025 g.)*

**INCREASED  
PERCENTAGE OF SUCCESS  
RAPID ACTION  
WELL TOLERATED**

Sugar coated tablets in bottles of 20 (4/-), 100 (16/-) and 500 (65/-).  
These prices are subject to the usual discounts. Dibistin  
is exempt from Purchase Tax.

**CIBA**

*'Antistin' is a registered trade mark: Reg. user*

**CIBA LABORATORIES LIMITED**  
**HORSHAM • SUSSEX**

Telephone : Horsham 1234

Telegrams : Cibalabs, Horsham

The



# CHEMIST AND DRUGGIST

for RETAILER—WHOLESALE—MANUFACTURER

JULY 14, 1951

Published weekly at 28 Essex Street, Strand, London, W.C.2

Telephone: Central 6565 (10 lines). Telegrams: "Chemicus, Estrand, London."

Single copies 1/- each. Annual Subscription, which includes The Chemist and Druggist Diary and Year Book, £2

Volume CLVI

## CONTENTS

No. 3725

A Pharmacist's Anthology ... ..	58	News in Pictures ... ..	47
Anti-cutting Campaign ... ..	55	Open Week at Dagenham ... ..	46
Business Changes ... ..	40	P.A.T.A. Price Changes ... ..	42
Coming Events ... ..	40	Personalities ... ..	40
Conference on Proprietaries Control	56	Pharmaceutical Society of Great	
Correspondence ... ..	52	Britain:—Council Meeting ... ..	43
Deaths ... ..	40	Print and Publicity ... ..	64
Editorial Articles:—		Proprietary Association ... ..	55
"Action Stations" ... ..	49	Scottish Department Annual Meeting	45
Interim Orders for Tenancies ...	49	Tariff Concessions ... ..	63
New "Dangerous Drugs" ... ..	50	The Week in Parliament ... ..	36
Health Service in Northern Ireland...	54	Topical Reflections ... ..	37
Information Wanted ... ..	48	Trade Marks ... ..	64
Legal Reports ... ..	39	Trade Notes ... ..	41
Medical Abstracts ... ..	59	Trade Report ... ..	60
Mr. Meldrum's Australian Visit ...	53	Why I Left the Council (H. M. Hirst)	51
New Companies ... ..	38	World Trade ... ..	63

## NEWS OF THE WEEK

**Puerperal Pyrexia now Notifiable.**—The Minister of Health has made an Order (S.I. 1951, No. 1081) making puerperal pyrexia a notifiable disease.

**Chocolate and Sweets Ration.**—The sweets ration is being increased from 6 to 6½ oz. a week for the rationing period commencing on July 15. The points value remains at sixteen per lb.

**Medical and Surgical Appliances.**—The Ministry of Health has issued a revised up-to-date list of appliances obtainable under Ministry of Pensions contracts for supply to hospital patients under the Health Service.

**Scientific Workers' Officers.**—Newly-elected officers of the London Pharmacists' branch of the Association of Scientific Workers are: *Chairman*, Mr. N. J. Van Abbeé *Secretary*, Mr. P. B. Utton, 120 Mansfield Road, London, N.W.3; *Treasurer*, Mr. D. Fox.

**Retail Trade in May.**—Board of Trade figures show that average weekly sales by independent chemists during May were 4

per cent. lower than in April and 1 per cent. lower than in May 1950. Figures for large-scale shops were 15 and 6 per cent. higher respectively.

**Edible Gelatin Standard.**—In the Food Standards (Edible Gelatine) Order, 1951, effective for manufacturers from August 1, the Minister of Food has prescribed a permanent standard for edible gelatin. The order applies to all gelatin sold for human consumption by wholesalers from November 1, and by retailers from a later date to be announced. The Edible Gelatine Order, 1948, is revoked.

**Addition to Dangerous Drug List.**—The Home Secretary has made an Order (S.I., 1951, No. 1181) bringing the following substances within the scope of Part III of the Dangerous Drugs Act from July 9:—Dihydrocodeine, acetyldihydrocodeine, 4-propionoxy-4-phenyl-1-methyl-3-ethylpiperidine, 3-hydroxy-N-methylmorphinan, (methorphan, or N.U. 2206) their salts and any preparation, admixture, extract or other substance containing any proportion of any of those substances.



**Prescription Cost Investigations.** — A unit set up by the Ministry of Health to investigate prescribing in general practice, examined in the year ended March 31 the prescribing of 151 doctors. Regional officers visited 126 and warning letters were sent to 106. Second investigations were made into the prescribing of thirty-one doctors.

**How to Market a Product.** — At the Festival exhibition of the Institute of Incorporated Practitioners in Advertising, opened at the Institute's offices in London on July 4, a demonstration is given of how the marketing of an imaginary razorless shaving cream (Whiskoff) might be tackled, the stages involved being pictured. The exhibition stresses the importance of the trade Press in paving the way for a new product, and places *THE CHEMIST AND DRUGGIST* at the head of the list.

**Fall in Tuberculosis Deaths.** — Deaths from tuberculosis in England and Wales fell by 20 per cent. in 1950, the biggest fall recorded for any one year since 1929. The death rate per million for respiratory T.B. last year was 321, compared with 403 in 1949. Reviewing the position since the National Health Service started, the Minister of Health (Mr. Hilary Marquand) said at a dinner given to mark the twenty-first anniversary of the Socialist Medical Association that 3,550 extra beds had been provided for the treatment of tuberculosis in the first two-and-a-half years of the Service though the really important advance had been in methods of treatment.

**Exemptions from Key Industry Duty.** — The Treasury has made an Order (S.I. 1951, No. 1152) exempting the following articles from Key Industry Duty for the period July 4 to August 19. — Benzyl cellulose; cellulose acetate, where the weight of the acetyl content, calculated as acetic acid, is less than 55½ per cent., but not less than 50 per cent. by weight of the cellulose acetate, not being cellulose acetate which is an ingredient or forms part of a composite article; N:N'-diethyldiphenylurea; glyceryl triacetate; i-inositol; naphthol; sodium 1:3:6-naphthalenetrisulphonate; sulphaquinoxaline; 3:3:5 trimethylcyclohexyl mandelate.

**Registered Pharmacists' Union.** — At a council meeting of the Registered Pharmacists' Union held in London on June 27, the following officers were elected: — *President*, Mr. G. H. Sheard; *Vice-presi-*

*dent*, Mr. C. E. Churchfield, and *Treasurer*, Dr. D. J. Gibson. The secretary (Mr. G. H. Armitage) presented a report of a meeting of delegates of the Union and of the British Association of Chemists. Information had been given about the B.A.C. organisation and administration, unemployment and benefit fund, transferable superannuation scheme and employment agency. The secretary stated that the aims and objects of the R.P.U. and the B.A.C. were fundamentally alike and submitted there were grounds for a further meeting of delegates. There was a basis for discussion on the advisability of seeking a working agreement between the two bodies.

**Statutory Committee Cases.** — At the direction of the Statutory Committee of the Pharmaceutical Society, which met in London on July 4, the name of Mr. George Leslie Brown, 20 Mearns Street, Greenock, has been removed from the register. Brown was convicted at the Greenock sheriff indictment court, on April 19, on two charges of embezzlement and four charges of obtaining money by fraud, the amount involved being £969 13s. Mr. Brown was employed as manager of the pharmaceutical department of the Greenock Central Co-operative Society, Ltd. The nature of the frauds (getting cheques cashed) was to some extent, in the Committee's view, on his credit as a pharmacist. Mr. Brown, in a lengthy statement, explained that his trouble had been mainly due to domestic difficulties, and stressed he had never done anything wrong professionally. The Committee decided to adjourn for twelve months the second case: of a pharmacist who had pleaded guilty to having unlawfully used an instrument with intent to procure a miscarriage. The respondent was bound over in his own recognisances in the sum of £5 for two years, to come up for judgement if called upon. The circumstances of the case, said the chairman, were unusual. It was the case of a comparatively young pharmacist who had assisted a girl who was pregnant, and whom he wished to marry, to terminate her pregnancy. The Committee were of the opinion that the act took place under extreme stress, and it was perhaps fair to say that it was not a case in which there was any reason to think that there was likely to be any repetition. It could be said with some truth that it was not really a case between a pharmacist and a member of the public, but between a man and his fiancée.



## LOCAL NEWS

**Members Consulted on Branch Activities.**—The committee of the West Middlesex Chemists' Association and Branch, Pharmaceutical Society, has sent to each member a questionnaire aimed at finding out the most suitable days for holding meetings and the most popular subjects.

**Bottle Suggestion "Ridiculous."**—At a meeting of the United Leeds Hospital Board held in Leeds on July 2, the chairman (Sir G. Martin) described as "ridiculous" a suggestion of the Ministry of Health that hospital authorities could buy back medicine bottles from Health Service patients.

**Liverpool Pharmacists Entertained.**—Members of the Council of the Liverpool Chemists' Association entertained their colleagues, Mr. H. Humphreys Jones, J.P., and Alderman W. J. Tristram, J.P., to a dinner held in Liverpool, on June 28, to celebrate the appointment of Mr. Humphreys Jones to the office of Sheriff of Carnarvonshire and the election of Alderman Tristram to the vice-presidency of the Pharmaceutical Society.

**Welsh Veteran Honoured.**—At the annual dinner of the Rhyl branch of the Pharmaceutical Society held recently, the toast to Mr. G. R. Lawrence, "seventy-one years a pharmacist" and at the age of ninety-three the doyen of North Wales pharmacists, was proposed by Mr. H. Crabbe-Davies (a former chairman of the branch). A reply to the toast, read for Mr. Lawrence by his son, Mr. Rowland Lawrence, recalled that in the 1880's, when

he established himself in Rhyl, there was "none of the fellowship among pharmacists that exists today." Dr. J. G. Macqueen proposed the toast of the Pharmaceutical Society, Mr. Gomer James (president) replying, "The guests" was proposed by Mr. Emlyn Jones, and replied to by Councillor Howe Edwards and Mr. T. Noel Dixon, Bangor.

**N.H.S. in Lincolnshire.**—The annual report for the year ended March 31 submitted to the Lincolnshire Executive Council showed that the total cost was £299,799, of which £58,636 was for pharmaceutical services (average cost 11s. 6d. per head of population). There were twenty chemists on the list, plus nine other suppliers of appliances. The number of prescriptions dispensed during the year was 384,000, representing 3.77 per head of population.

## OUTINGS

**Bradford Works Staff.**—The staff of Brook, Parker & Co., Ltd., Bradford, were the guests of the directors on the occasion of a day trip to New Brighton on June 23—the third outing since the war. A party of 135 went by train to Liverpool and completed the journey via the Mersey Tunnel by coach.

## SPORT

**Golf.**—**ABERDARE AND MERTHYR BRANCH, PHARMACEUTICAL SOCIETY**, at open summer meeting, recently:—Johnson & Johnson silver challenge cup: C. I. Evans (net 68); Aberdare and Merthyr tankard: M. Williams (net 69). North Glamorgan silver challenge cup (presented by Evans Medical Supplies, Ltd.): R. E. B. Rollo, M.P.S. (net 72); Ucal tankard (best gross score): T. J. Morgan, M.P.S. (gross 77); Philip Harris vase (bogey): T. J. Morgan (2 up); and Newbrys representatives' tankard: C. Evans (net 68).

## SALES CONFERENCE.

—Representatives of T. & H. Smith, Ltd., Edinburgh, and subsidiary companies with directors at two-day sales conference at North Berwick recently. Mr. H. G. Sharp (chairman) presided at conference dinner, and representatives Messrs. James and John Johnson, Robert Pringle and James Sloan were artists at subsequent entertainment. Mr. V. F. Noel Paton (recently appointed to the board) was present with other directors.



## THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

MOVING the second reading of the Dangerous Drugs Bill on July 4, SIR FRANK SOSKICE (Attorney General) said the Bill was purely a consolidation measure which did not in any way change the existing law. MR. H. N. LINSTEAD said that, having lived and worked with the Acts over twenty years, he was glad they had been consolidated. The Bill was given an unopposed second reading.

### Price Controls

MR. WILL NALLY asked the Chancellor of the Exchequer on July 5 if he would make a statement on the intention of the Government to extend and strengthen existing price controls, and if he would give the approximate date or dates on which precise information as to the nature and extent of price control changes would be given. MR. JOHN EDWARDS (Economic Secretary to the Treasury) replied: "The working of price controls continues to be closely watched by the Government. I hope that a statement on the subject will be made in the course of the present month."

### Chemicals in Food

Raising a debate on chemicals and food supplies in the Lords, LORD DOUGLAS OF BARLOCH said the addition of extraneous materials and especially of synthetic chemicals to food should be looked on with the gravest suspicion and should not be permitted except under the most stringent conditions. A chemical might not be toxic in itself, but it might combine with substances naturally present in the body to form toxic compounds. It might be very slow acting but cumulative in its effects. There were two principal ways in which chemicals were added to food. One was as an incident in effecting another purpose—as when insecticides, fungicides and weed killers were used in agriculture, and in some cases where fumigants or disinfectants were used during a process of manufacture, or where detergents were used for washing food or for washing crockery and food containers. The other was where chemicals were introduced with the express intention of altering the nature of the food or of preserving it beyond its normal life. Little was known of the effect of phosphorus-containing insecticides on foodstuffs to which they were

applied or on the health of the men and women who consumed the foodstuffs. LORD LISTOWELL (Parliamentary Secretary to the Ministry of Agriculture), replying, said that the Government was considering some of the proposals of the Zuckerman working party on insecticides which would require legislation. Professor Zuckerman had been asked to continue his investigations to cover the risk to consumers which might follow the use of poisonous chemicals on growing crops and in the storage of food. A Committee was considering how the Preservatives Regulations could be brought up to date, and also whether regulations on similar lines should be applied to other groups of substances.

### ACTH and Cortisone Supplies

MR. ARTHUR BLENKINSOP (Parliamentary Secretary to the Ministry of Health) told MR. T. F. PEART on July 5 that 4,500 gm. of cortisone and 3,600 gm. of ACTH were imported by the Government from the American manufacturers during the first six months of 1951. He would not state the prices paid.

### Shop-closing Hours

A motion for an address to be presented to the King to continue the provisions of the Shops' Act, 1950, concerning winter closing hours until December 10, 1952, moved by MR. GEOFFREY DE FREITAS (Under Secretary of State for the Home Department) on July 9 was approved. [The regulations fix the general shop closing hours from the first Sunday in November to the day before the first Sunday in March at 6 p.m. (7.30 p.m. on late day). They also allow local authorities to substitute 7.30 p.m. for 6 p.m. and 8 p.m. for 7.30 p.m. on two late nights.]

**Northern Ireland Poisons Guide.**—The Poisons Guide recently issued to members of the Pharmaceutical Society of Northern Ireland (see *C. & D.*, March 24, p. 363) lists poisons and substances containing poisons. The names of Part II poisons are printed in italics, and Part III poisons (which may be sold by all traders) are indicated with an asterisk. Notes on the Pharmacy and Poisons Acts (Northern Ireland), 1925 and 1945, and the Poisons Regulations and on Pharmacy and Poisons law in Northern Ireland, are included.



## TOPICAL REFLECTIONS

### Selected Exhibitions

So many exhibitions are soliciting attention during the present summer that we run some risk of contracting what may be called exhibitionitis. We are much indebted to you for sorting them out and giving us a good idea of what to look for among them: the descriptions on pp. 18-24 must have entailed much hard work for your staff. The features noted are not all within the scientific range; attention is drawn, for instance, to the Business Efficiency Exhibition and to the London Chamber of Commerce Exhibit. Few of us are so well versed in current scientific progress that we can afford to ignore the Exhibition of Science at the Science Museum in South Kensington (pp. 20-21). Admittedly the nature of such groups as viruses and antibiotics is set forth in popular terms; but something is to be learned from the diagrams and the "ingenious demonstrations" that you mention. As, during the past five years, Great Britain has won "the Nobel Prize for physics three times, [and] for chemistry once" (not to mention other distinctions named in the official guide-catalogue), we may conclude that our scientific personnel is as good as ever it was. In business efficiency, too, there is no reason to infer any essential deterioration in this respect. Business efficiency depends largely on the ability to organise rapidly.

### South Bank Display

As time goes on, it will be seen whether any Londoners can overcome their reluctance to cross to the south side of the Thames for any purposes other than those necessitated by business. The Exhibition organised at County Hall by the London County Council (pp 22-23), which I have not yet seen, is evidently of much chemical and pharmaceutical interest. The names Beaufoy and Burnett are familiar to most of your readers; and we learn that this part of the Lambeth-Vauxhall area has been a centre for distilleries for 300 years. Lambeth delft has again been used, presumably in the catalogue of the Exhibition, as a description of seventeenth-century pottery manufactured in that district. At Mr. Geoffrey E. Howard, in his well-known "Early English Drug Jars" (reviewed in the *C. & D.*, 1931.II.428) held at the expression is "an entire misnomer," and that two generations of Eng-

lishmen "were familiar with the work of the Lambeth potters before they had probably even heard of Delft as a town with much claim to renown for its pottery." Topographical illustrations and hospital exhibits on view are no doubt well worth seeing; the L.C.C. has for several years past been accumulating an excellent collection of plans and views of London. The name of Atkinson, a Southwark chemist, is unfamiliar, though there was a chemist named Joseph Atkinson in Little Tower Hill, not far away, in 1776. Finally, William Curtis, designer of a botanical garden near the present Waterloo Station and founder in 1787 of "Curtis's Botanical Magazine," is commemorated. This magazine is still current as a quarterly publication.

### Sulphur and Sulphuric Acid

In attempting, a week ago, to specify as many features of your Annual Special Issue as possible, I regretfully left Dr. D. W. F. Hardie's "Short History of the Sulphur Problem" with a simple mention. I wish to return to it briefly, partly because of its excellence and partly because it is likely to remain topical for a long time. The last eight words of my preceding sentence are warranted by Dr. Hardie's statement that our present crisis in the supply of sulphur "may prove trivial in comparison with the sulphur problem which the United States may have to face a short decade ahead!" Your contributor's account of the experiments of successive pioneers in industry to manufacture sulphuric acid forms a most attractive narrative. When we reflect on the capital sunk in processes not destined to last, and on the sulphur imprisoned in waste discharged to form heaps and even embankments, we realise that Victorian manufacturing chemists had almost unlimited faith in their vocation. Going back a few years, is there anywhere a record of the process of manufacture used by John White of Twickenham, an obituary notice of whom appeared in the "Gazetteer and New Daily Advertiser" of October 16, 1769? It was there stated that by his study and industry the prices of oil of vitriol and of aqua fortis had been reduced, and that he carried on "the late great vitriol works." Roebuck's introduction of lead chambers is dated 1746: had the improvement been adopted by White?

**Xrayser**



## NEW COMPANIES

**HARVEY (DRUG STORES), LTD. (P.C.).**—Capital £1,000. Benjamin Grossman, Evelyn Grossman and Gerald H. Grossman, directors. R.O.: 2 Station Approach, Cannon Street, London, E.C.4.

**F. C. PUGH & SON, LTD. (P.C.).**—Capital £5,000. To carry on the business of pharmaceutical chemists and opticians. Francis C. Pugh, M.P.S., and Francis V. Pugh, M.P.S., directors. R.O.: 31 Dale Street, Liverpool.

**MARWIN CHEMICALS, LTD. (P.C.).**—Capital £1,000. To carry on the business of manufacturers of and dealers in chemicals, gases, drugs, etc. First directors are to be appointed. Solicitors: Leslie A. Fawke, 27 Gilbert Street, London, W.1.

**J. J. McEWAN, LTD. (P.C.).**—Registered in Edinburgh. Capital £4,000. To carry on the business of chemists and druggists, etc. John J. McEwan, William Kyle and David S. Carmichael, directors. R.O.: 1849 Paisley Road West, Glasgow.

**MAIDEN LABORATORIES, LTD. (P.C.).**—Capital £100. To carry on the business of manufacturers and retailers of pharmaceutical goods. W. Farag, M.P.S., and John H. Maiden, directors. R.O.: 19 Birmingham Road, Great Barr, Birmingham.

**OPTREX (IRELAND), LTD. (P.C.).**—Registered in Dublin. Capital £1,000. To carry on the business of chemists, druggists, opticians, etc. John J. Dunning, M.P.S.I., subscriber, 60 Northumberland Road, Ballsbridge, Dublin. First directors are not named.

**SIRIUS SALES, LTD. (P.C.).**—Capital £100. To carry on the business of dealers in and agents for the sale of herbal products of all kinds, and in particular Sirius brands of veterinary products. First directors are to be appointed. Solicitors: Stanley Jarrett & Co., 17 Shaftesbury Avenue, London, W.1.

**SKINNER & DAVISON, LTD. (P.C.).**—Capital £3,000. To carry on the business of manufacturing, pharmaceutical and general chemists, etc. Harry Skinner and Joan J. Skinner, Stanley H. Davison and Elsie M. Davison, directors. R.O.: 2 Brighton Terrace, Bradford Street, Cherry Orchard, Shrewsbury.

**A. R. CROSS (STAMFORD HILL), LTD. (P.C.).**—Capital £5,000. To acquire the business of Manfield, Ltd., at 272 Stam-

ford Hill, London, N.16, and to carry on the business of retail and wholesale chemists, druggists, etc. Arthur R. Cross, M.P.S., and Douglas G. Cross, director. R.O.: 476 Hertford Road, Enfield, Middlesex.

## Company News

**WHIFFEN & SONS, LTD.**—Mr. A. F. Pashley (manager) and Mr. H. E. Glynn (technical manager) have been appointed directors.

**GLAXO LABORATORIES, LTD.**—Mr. Oswald Francis Morgan, M.P.S. (in charge home sales department) has been appointed an executive director.

**TAYLORS DRUG CO., LTD.**—Group profit to December 30, 1950, amounted to £222,049 (£218,698). Profit of parent company, £91,463 (£94,886). To general reserve, £20,000 (same). Dividend ordinary, £60,000 (same); carried forward £20,418 (£19,955).

**TAYLORS (CASH CHEMISTS) MIDLAND LTD.**—Trading profit to December 30, 1950, amounted to £117,917 (£122,768). Net profit £50,564 (£57,735). Dividend ordinary 12½ per cent., £3,281 (£3,438). On deferred ordinary, £42,000 (£44,000). Carried forward, £28,429 (£27,910).

**TAYLORS (CASH CHEMISTS) LONDON LTD.**—Trading profit to December 30, 1950, amounted to £179,177 (£187,123). Net profit, £72,070 (£84,192). To general reserve, £5,000 (£10,000). Dividend preferred ordinary, £39,375 (£41,250). On deferred ordinary, £13,125 (£13,750). Carried forward, £73,148 (£73,003).

**TAYLORS (CASH CHEMISTS) TRUST, LTD.**—Group profit to December 30, 1950, amounted to £342,021 (£348,222). Net profit amounted to £118,849 (£123,909). Profit of parent company, £90,466 (£92,185). Dividend on preferred ordinary, 12½ per cent., £28,875 (£30,250). Dividend on deferred ordinary, £46,12 (£44,750). Carried forward £27,37 (£26,432).

## Voluntary Liquidation

**JOHN & E. STURGE, LTD.**, 1 Wheeley Road, Birmingham, 15, announce the liquidation of their subsidiary company John & E. Sturge (Citric), Ltd., to simplify administration and facilitate development of the firm's business in citric acid.

## LEGAL REPORTS

**Appeal to Follow Fine.**—At Solihull magistrates' court recently, Arthur Ernest Masters, 54 Lode Lane, Solihull, gave notice that he was going to appeal against a sentence of fines totalling £10, with £3 3s. costs, on charges under the Pharmacy and Medicines Act, 1941. Masters traded under the name Mastral Products (Birmingham) Co., and the evidence given by an inspector of the Pharmaceutical Society was that he received a descriptive pamphlet describing a product for rheumatism for which the inspector had not cash. Some time later he received a box of tablets which gave no indication of the contents of the preparation. Masters intended that he was covered by the provisions of the Act because he never sold in retail. He sold his preparation only after consultations in which his customers' symptoms were considered, and consequently it was not necessary for him to state the ingredients on the box.

**Cyanide in Plain Bottle.**—The sale in a motor department of A. W. Gamage, Ltd., 122 Holborn, London, E.C.1, of a substance known as Marvo silver nickel polish resulted in summonses against the company and against Gaul & Co., Ltd., 10 City Road, E.C.1, who had supplied them, which were heard by the Clerkenwell Magistrate on June 29. Through counsel, both companies pleaded guilty to selling poison—cyanide—contained in the polish in a glass bottle the outer surface of which was not fluted vertically with ribs or grooves recognisable to the touch, and of unlawfully selling the product in a container not labelled in the correct manner, showing the name of the poison, the proportion of the poison, the word poison and the name and address of the seller. Messrs. Gamage were also summoned for effecting the sale by a person who was not a registered pharmacist. Solicitor for the Pharmaceutical Society said that an inspector visited the motor department at Gamage's and saw a man demonstrating a plating solution. He bought a bottle, and noticed that the label did not indicate whether it was a poison or not. The bottle did not have on it any of the prescribed particulars, except to say that care should be taken that it did not reach children. When the demonstrator was asked if it contained poison, he said that he did not know. The preparation contained 52 per cent.

potassium cyanide. A director of Gaul & Co., Ltd., stated that the polish was manufactured and supplied to his firm by a firm in Glasgow. He had been assured it did not contain any material that infringed the Pharmacy and Poisons Act, 1933. Both defendants had been very frank about the whole matter. Counsel for Messrs. Gaul said that his clients had asked the Glasgow firm if they were in order in reselling the product, and were told it was an advertised product which had been sold in Scotland for a considerable time, and they were sent an advertisement in an evening paper in which a well-known store offered the product. On the strength of that they sold a few bottles to Gamage's. Before doing so, they asked the manufacturers for an assurance in writing that they were within the law. A reply from the manufacturers failed to satisfy them, and they consulted their solicitors. In view of what the solicitors told them they immediately stopped marketing the product and contacted the Home Office. Counsel for Gamage's said that as soon as the matter was brought to their notice they took immediate steps to withdraw it from the market. The magistrate said that he was quite sure that both parties had acted in good faith, and he would deal with the case on that basis. Each would pay a fine of 40s. on each summons, and each would pay £5 5s. costs on the first.

**Pharmacy Act Fines.**—At Thames, London, magistrates' court, recently, Henry Duncan Blackwood, M.P.S., 324 Poplar High Street, London, E.14, pleaded guilty to charges of selling strychnine in compound syrup of hypophosphites and codeine in Veganin tablets otherwise than by or under the supervision of a registered chemist; and of selling the syrup and tablets in containers not labelled in the prescribed manner. The Society's solicitor said that the chemist's shop at 324 Poplar High Street formerly belonged to Mr. Blackwood's father. Mr. Blackwood had business interests elsewhere and only occasionally visited the shop. For the defence it was stated that Mr. Blackwood had attended the shop two, and sometimes four days a week until about Christmas, and had been trying to sell the business, so far without success. The magistrate: "If he cannot run it at a profit without a proper assistant he should close it down." Mr. Blackwood was fined £15, with £2 10s. costs.

## DEATHS

**BEVERLEY.**—Suddenly, at his home, 85 Hillview Road, Hatch End, Middlesex, on July 4, Mr. T. Latham Beverley, M.P.S. Mr. Beverley qualified in 1903 after apprenticeship with his father. He subsequently spent some time at Cannes and joined the staff of Burroughs Wellcome & Co. in 1911. He retired in 1946 after being senior representative of the company for many years with territory in the West End of London.

**BURGESS.**—Recently, Mr. Arthur Leland Burgess, St. Sampsons, Guernsey, Channel Isles, aged eighty-four. Born in Guernsey, he served his apprenticeship with the late Mr. H. Cumber and qualified as a chemist and druggist in 1892. After experience as assistant and manager in London and elsewhere, he returned to his native island and opened on his own account at St. Sampsons in 1894, where he remained in business until his retirement in 1931. He became well known as a horticultural chemist.

**DIXON.**—On July 3, after a lengthy illness, Mr. John Dixon, 19 Brownlow Court, Brownlow Road, London, N.11 (until his semi-retirement, senior accountant to Ernest J. George & Co.).

**MOORE.**—At his home, 2 Mellor Road, Western Park, Leicester, on July 10, Mr. G. F. Moore (a director of Dalmas, Ltd., Leicester). Mr. Moore had been in the drug trade for forty years and with the company for twenty-one years.

**WHITEFORD.**—At 22 Cyprus Avenue, Johnstone, Renfrews, suddenly, on July 8, Mr. Alexander Whiteford, M.P.S. Mr. Whiteford qualified in 1920.

## PERSONALITIES

**MR. J. A. DONAGHY, M.P.S.N.I.,** Ballymena, has been appointed to the panel of lay members of juvenile courts in Northern Ireland.

**MR. ROY PILKINGTON, M.P.S.,** addressed a meeting of the Birkenhead Chamber of Commerce recently in support of a resolution condemning the Government's proposal to abolish price maintenance.

**MR. G. E. TURFITT, D.Sc. (Lond.), Ph.D.** (author of an article entitled "The Work of the Metropolitan Police Laboratory," published in the *C. & D.*, June 30, pp. 835-38) is also a Fellow of the Royal Institute of Chemistry.

**MR. W. A. MUTEHAM, M.P.S.,** of the Brightside & Carbrook Co-operative Chemists, Ltd., Sheffield, is seeking contact with other co-operative societies' pharmacists to form a local and later a national co-operative pharmacists' association.

**MR. HERBERT WOOD** (assistant cashier to James Woolley & Co., Ltd., manufacturing chemists, Manchester), has retired after forty-eight years' service with the company. He received a presentation from the company at a ceremony in Manchester, recently. Mr. Wood joined the firm in 1903 as a clerk.

## BUSINESS CHANGES

**MR. J. G. CLIFFORD, M.P.S., D.Opt.** has opened a pharmacy at 12 The Causeway, Godmanchester, Hunts.

**WOODFIELD COOKE, LTD.,** have opened a pharmacy at 21 Yew Tree Green, Moreton, Wirral, Ches.

**H. BRONNLEY & CO., LTD.,** Warple Way, London, W.3, have appointed Mr. I. Colne their representative for London in succession to Mr. F. Gilley.

**CYANAMID PRODUCTS, LTD.,** are removing to North-west Wing, Bush House, Aldwych, London, W.C.2, on July 16 (telephone: Temple Bar 5411).

**AMBER PHARMACEUTICALS, LTD.** (table department), Byron House, 7-9 St. James' Street, London, S.W.1 have appointed Mr. S. L. Busher their representative for Hereford, Worcs, Staffs, Salop, Warwicks, and Glos including Bristol.

## COMING EVENTS

### Sunday, July 15

**WOLVERHAMPTON CHEMISTS.** Annual outing to Windsor. Coach leaves Wulfruna Street at 9.30 a.m. Fare etc., 21s.

### Wednesday, July 18

**HARROW BRANCH, PHARMACEUTICAL SOCIETY,** The Literary Institute, Aylesbury, at 7.30 p.m. Mr. B. C. Bryant on "Veterinary Therapeutics in view of New Veterinary Codex," and film.

**WALLASEY PHARMACISTS' ASSOCIATION** and **BRANCH** Annual outing to Berwyn, Llangollen, Denbigh. Coaches leave Queen's Arms Hotel at 2 p.m. Tickets 14s. 6d. inclusive.

### Thursday, July 19

**THE INSTITUTE OF OPTICAL SCIENCE,** Bush House, Aldwych, London, W.C.2, at 7 p.m. Dinner.

**LONDON PHARMACISTS' BRANCH, ASSOCIATION OF SCIENTIFIC WORKERS,** 17 Bloomsbury Square, London, W.C.1, at 7.15 p.m. Mr. W. Parker on "The Rise in the Cost of Living and the Scientific Worker."

**LONDON PHARMACY RAMBLERS,** Ramble to Scotney Castle and Boyham Abbey. Sunday, July 22. Special train from Victoria, 9.30 a.m.



## TRADE NOTES

**Puff Pack and Compact.**—On another page is illustrated the new Klix puff pack and compact equipped with rose, blue or peach velour puff. The sole distributors are D. Harris & Co., Ltd., 73 Brewer Street, London, W.1.



**Redesign.**—Picture shows new bottle adopted for Amami wave-set by Prichard & Constance (Manufacturing), Ltd. The "normal" has a green carton and the "spirit" a yellow carton, each with cap to match. Distribution has commenced of the small size.

**British Industries Fair, 1952.**—Intending exhibitors at the British Industries Fair, 1952, at Olympia and Earls Court, London, and Castle Bromwich, Birmingham, are urged to apply for space without delay. An announcement appears on another page.

**Holiday Closing.**—Warrick Brothers, Ltd., Nile Street, City Road, London, N.1, announce that their office, warehouse and factory will be closed for annual holidays from July 28 until Tuesday morning August 14. A skeleton staff will be available to deal with urgent orders.

**Trade Translations.**—Thos. Cook & Son, Ltd., Berkeley Street, Piccadilly, London, W.1, provide a service of translation of trade literature from English into fifteen foreign languages and from the same languages into English. A leaflet giving the tariff is available from the company.

**Tax-free Packs.**—Parke, Davis & Co., Ltd., Staines Road, Hounslow, Middlesex, announce that tax-free dispensing packs are now available of ammonium chloride tablets, gr. 7½ (bottle of 1,000); antacid tablets (SCT 625, bottle of 1,000); and Micapon tablets (CT 810, bottle of 1,000).

**Uses of Witch Hazel.**—The selling agents of Quant's witch hazel (Keldon, Ltd., Wadsworth Road, Perivale) suggest the following summertime uses of witch hazel:—As a skin tonic and freshener; for moving cleansing cream or skin food; to

relieve the discomfort of sunburn; to bathe stings and insect bites; to check excessive perspiration in the feet; to massage the scalp; and for body friction.

**New Products and Packs.**—ANDERSEN & BRUNN (ENGLAND), LTD., Stoke Park, Slough, Bucks, have made available in this country a new Danish aluminium container: a new Alu-cup. It consists of a fluted aluminium cup with tinted aluminium lid bound in, and is suitable for meat extracts and similar products. The Alu-cup is made on fully automatic machines in any size to 3½ oz. contents, and is being produced in Great Britain under licence.—THE BRITISH DRUG HOUSES, LTD., Graham Street, City Road, London, N.1, are now issuing Mycil pessaries to an improved formula in tubes of twelve; and an additional strength (0.02-mgm.) of Estigyn (ethinyl oestradiol, B.D.H.) tablets in bottles of twenty-five and 100.—GLAXO LABORATORIES, LTD., Greenford, Middlesex, announce the introduction of penicillin ointment, B.P. Addendum 1951, containing 1,000 units per gm. of crystalline sodium penicillin G in a base of mixed paraffins. Each 1-oz. tube is enclosed in a plain grey carton with white panel headed "The Ointment." For identification purposes the descriptive name appears on one of the end tuck-in flaps.—INTERNATIONAL CHEMICAL CO., LTD., Braydon Road, London, N.16, have modernised the carton of their Freezone corn remover, which is now issued in a matching display outer containing one doz.; the base of the carton is in royal blue, the upper part in yellow and red.—A. & F. PEARS, LTD., Isleworth, Middlesex, are now issuing their Gloria shampoo in a clear glass bottle designed to fit well into the hand. The label, in blue and maroon, is also printed on the reverse with suggestions for use (to be read through the back of the bottle). The new bottle will eventually replace the present two sizes; the plastic cachet will continue to be available.



# PROPRIETARY ARTICLES TRADE ASSOCIATION

## Alterations to Protected List (Part 1)

(I.R.P.=Inclusive retail price)

	Doz.	Tax	I.R.P.
	s. d.	%	s. d.
<i>Genatosan, Ltd.</i>			
Cupragen cream ...	16 0	33½	2 6
Genosol nasal compound			
<i>Dr. John Hooper's Female Pill Co., Ltd.</i>			
Dr. John Hooper's female pills ...	10 0	33½	1 6
	22 0	33½	3 6

*Musterole Fine Products Co., Ltd.*

Musterole products: Bonus terms to retailers were withdrawn at end of March.

*Sandersons (Chemists), Ltd.*

Sandersons throat specific	11 9	33½	1 8
(pastilles)	21 0	33½	3 0
	11 9	33½	1 8
Cough linctus ...	11 9	33½	1 8
	21 0	33½	3 0
Children's cough linctus	11 9	33½	1 8
Diabetic cough linctus ...	15 0	33½	2 3

*Solport Bros., Ltd.*

Portia:—			
Non-flam reading shades, D427 ...	20 0	Nil	2 6
Non-flam pocket reading shades D433 ...	14 0	Nil	1 9
Minor non-flam pocket shade D434 ...	11 0	Nil	1 4½
Non-flam folding goggles D450 ...	14 0	Nil	1 9
Non-flam actinotherapy folding goggles D450A adult's	16 0	Nil	2 0
child's	12 0	Nil	1 6

*Howards & Sons, Ltd.*

Boracic acid, B.P., crystals 2-oz.	4 4	Nil	0 6½
powder 4-oz.	7 8	Nil	0 11½
	8-oz.	13 0	Nil 1 7½
Epsom salts, B.P.	4-oz.	3 4	Nil 0 5
	8-oz.	5 8	Nil 0 8½
	16-oz.	8 8	Nil 1 1
Glauber's salt, B.P.	4-oz.	3 4	Nil 0 5
	8-oz.	5 4	Nil 0 8
	16-oz.	8 0	Nil 1 0
Purified borax, B.P., powder	2-oz.	3 8	Nil 0 5½
	4-oz.	6 0	Nil 0 9
	8-oz.	10 0	Nil 1 3
Sodium carbonate, B.P.	4-oz.	4 8	Nil 0 7
	8-oz.	8 0	Nil 1 0
	16-oz.	13 4	Nil 1 8

*Potter & Clarke, Ltd.*

Potter's stramonium cigarettes, 18's ...	16 0	33½	2 4
Prices in Irish Republic:—			
Potter's asthma remedy ...	23 4		2 11
cigarettes	23 4		2 11
smoking mixture	14 0		1 9
stramonium cigarettes	18 6		2 3

*Thompson & Capper Wholesale, Ltd.*

Q.A. aspirin tablets, gr. 7½ ...	12 0	33½	2 0
<i>Aimee Lloyd &amp; Co., Ltd.</i>			
Skintex medicinal cream	15 6	33½	2 6

*Allen & Hanburys, Ltd.*

Expectorant linctus (adults and children)	2-oz.	18 0	33½	2 6
	4-oz.	30 0	33½	4 2

*Grimwade, Ridley & Co. (Ipswich), Ltd.*

Bagshaw's foot-rot dressing	15 6	33½	2 2
	26 0	33½	3 6
	36 0	33½	4 10

*Chas. H. Phillips Chemical Co., Ltd.*

Milk of Magnesia	4-oz.	12 5	33½	1 9
------------------	-------	------	-----	-----

	Doz.	Tax	I.R.
	s. d.	%	s.
12-oz. tablets, 30's	24 10	33½	3
75's	10 3	33½	1
150's	20 6	33½	2
35 6	33½	4	
Prices in Irish Republic and Channel Islands:—			
Milk of magnesia 4-oz.	23 3	—	1
12-oz.	26 6	—	3
tablets, 12's*	5 3	—	0
30's	10 6	—	1
75's	21 0	—	2
150's	36 0	—	4

\*Not in Channel Islands.

*Riddell Products, Ltd.*

Super Pag inhaler (double bulb) ...	258 0	Nil	35
(single bulb)	234 0	Nil	32
Riddopag pocket inhaler (less purse) ...	147 6	Nil	20
<i>Roberts Pharmaceutical Laboratories, Ltd.</i>			
Vykmin vitamin-mineral capsules ...	38 0	Nil	4
	70 0	Nil	8

*Smith, Kline & French International Co.*

Eskacillin, 2-oz. ...	121 6	Nil	13
-----------------------	-------	-----	----

## PRICE CHANGES

*Evans Medical Supplies, Ltd.*

Amabevan, 20 ...	2 0		3
500 ...	39 0		
Bismevan, 10-mil ...	2 4		3
1-oz. ...	3 8		5
Bisvene, 30-mil ...	2 8		4
25% 30-mil ...	3 6		5
Bisalevan 25-mil ...	2 6		3
Ephregel ...	1 6	33½	2
Heparin dry powder ...	60 0		90
Hepatex oral, 4-oz. ...	10 6		14
c. iron 2-oz. ...	6 6		8
Neo-Hepatex, 3 x 2-mil	8 6		11
25 x 2-mil	62 0		82
10-mil	12 4		16
25-mil	28 0		37
Hepatex-T, 6 x 2-mil	5 9		7
25 x 2-mil	21 6		28
10-mil	4 0		5
Maraphos, 4-oz.	1 8	33½	2
8-oz.	2 10	33½	5
40-oz.	10 9		
Novasorb powder, 5-lb. tin	30 0		
Ruscoin, 1½-oz. jar ...	1 4		2
1-lb. tin ...	6 6		
Streptocide ointment ophthalmic ...	10		1
Zant, ...	13 0		1
Varixol, 6 x 1-mil	2 5		1
12 x 1-mil	4 6		
6 x 2-mil	2 11		
12 x 2-mil	5 6		
25-mil bottle	3 0		

*Pharmaceutical Specialities (May & Baker), Ltd.*

Sulphaguanidine, 0.5-gm. tablets:			
25 ...			2
100 ...			6
500 ...			30

## Deletions from Protected List (Part 1)

*Bengers, Ltd.**Beneric.**Holloway's Pills, Ltd.**Holloway's pills and ointment.**Parke, Davis & Co.**Nadola and Nadola capsules.**Zee-Kol Co., Ltd.**Zee-Kol ointment and pills.*

## PHARMACEUTICAL SOCIETY OF GREAT BRITAIN

A MEETING of the Council of the Pharmaceutical Society was held in London on July 3 and 4, the president (Mr. F. C. Wilson) in the chair. It was agreed to extend congratulations to Sir Eric Leadbitter and Messrs. A. J. Epsley, M.P.S., and J. Hetherington (chief pharmacist, medical department, Uganda) on their awards in the King's Birthday Honours.

### World Tour

THE PRESIDENT thanked Mr. A. A. Meldrum on behalf of the Society for his efforts during his visit to Australia, New Zealand and Canada. MR. MELDRUM, in reply, congratulated Mr. Wilson on his election to the presidency of the Society, and the Council on electing such an excellent set of officers. Commenting on his journey, he said "It was an 'eye-opener' to me to find the loyalty and reverence with which the Society is everywhere regarded." The people he visited were, he said, very conscious of the great help received from the office in London. Problems facing colleagues in Australia seemed similar to those facing pharmacists in Britain. Mr. Meldrum paid tribute to the officers of the Australian Pharmaceutical Association, and said that representatives of pharmacy in New Zealand whom he was able to meet showed him every kindness and consideration.

Speaking of "the wonderful pharmaceutical department in the university in British Columbia, Canada," MR. MELDRUM said that "if those concerned with education in Britain were not on their toes, some of those people in the outermost parts of the British Empire would be ahead in pharmaceutical education." On many occasions in his tour he had heard the view that it was time something was done to secure open reciprocity throughout the entire Commonwealth of British Nations, and he looked forward to the day when British pharmacy would be an "open book."

THE REGISTRAR (Mr. F. W. Adams) reported that, since the previous meeting, twenty-six persons had been registered as apprentices or students, making a total of 66 for the year. Applications for restorations of names to the register were received from ten persons whose names had been removed in previous, and from ninety-two persons during the current, years. The applications were granted. It was agreed to grant applications for registration under

reciprocity agreements received from ten persons overseas.

The Council received reports from the Society's nominees (Messrs. W. K. Fitch and E. W. Godding) on the recent proprietary medicines conference held in Brussels and from Mr. Fitch on the recent congress of military medicine and pharmacy held in Paris. The Council received a resolution from the Aberdeen and North-eastern Scottish Branch asking that matters applying particularly to pharmacists resident in Scotland should in the first instance be referred to the Executive of the Scottish Department for consideration and recommendation before a decision was arrived at by the Council. It was pointed out that that was a re-worded version of a motion defeated at the recent Branch Representatives' meeting, and it was decided to ask the Executive of the Scottish Department to consider and report on the resolution.

An application from a Branch for permission to use the Society's coat of arms on a chairman's badge of office led the Organisation Committee to reconsider the Council's policy not to encourage the use of badges. On the Committee's recommendation the Council decided to inform Branches that the Council considered it appropriate that Branch chairmen should have badges of office, but would continue the policy that the badge should be of an approved design and purchased from a locally-raised fund.

### Representatives' Meeting

The Council approved arrangements for the subjects to be discussed at the forthcoming Branch Representatives' meeting. They would be the man-power situation (on the basis of a further report by the Council), and the organisation and conduct of a pharmacy, to be introduced by papers on underlying principles by the registrar and on practical aspects by Mr. H. T. Thomas (vice-chairman of Executive, Scottish Department).

On the recommendation of the Education Committee it was decided to award the Thomas Chase prize for 1951 to June Webster, Birmingham.

The report of the Benevolent Fund and War Aid Committee showed that grants, amounting to £197, had been made to five widows and three members. Recommendations for grants, amounting to £260, to



three other widows, were approved. Two applications were deferred. The committee's report for the quarter ended June 30 showed that grants amounting to £1,210 were made in the quarter to twenty-two out of twenty-seven applicants. In the June quarter of 1950 the corresponding figures were twenty-six grants and £1,576. Receipts amounted to £0.201, including contributions of £5,975, against £10,343 (contributions £5,770) in 1950. From the War Aid Fund a grant of £117 recommended by the Committee was approved. Two grants, amounting to £286, were made from that fund during the quarter.

An amendment of the Library regulations was approved to provide that (a) books might not be transferred by one borrower to another, or borrowed for consultation by non-members; and (b) books might not be sent or taken out of the British Isles unless special permission was previously obtained.

### Ethical Committee

The following resolution from the Harrow Branch was received by the Ethical Committee:—

"The Council be asked to submit their new proposals regarding the revision of the reference to advertising in the Statement of Professional Conduct to the Branch so that the views of members can be ascertained in time for an acceptable proposal to be submitted to a General Meeting of the Society not later than the Annual Meeting in 1952."

The Ethical Committee reported receiving a letter from a chief constable stating that a pharmacist had sold Gee's linctus pastilles to young children as sweets off the ration, and enclosing his medical officer's opinion as to the dangers of that practice. The letter had been considered with the comments of the pharmacist concerned and the Committee, while agreeing that the pastilles should not be sold indiscriminately to children, decided that no further action was necessary. A complaint from a Pharmaceutical Committee concerning the practice of a pharmacist of attaching boxes to the gates of houses on an adjacent housing estate for the collection of prescriptions was considered. As the pharmacist had previously been advised that methods of that description would be considered objectionable, it was decided to write asking that the boxes should be removed.

In view of the consolidation of the Dangerous Drugs Acts and Regulations now proceeding the Council decided to draw

the attention of the Secretary of State to the desirability of amendments to the law (a) requiring him to consult the Society before withdrawing the authority of any pharmacist (at present the law required such consultation only when the authority of an authorised seller of poisons was under consideration); and (b) giving specific authority to pharmacists employed in pharmacies. At present authority was given to "authorised sellers of poisons," though administratively the employee pharmacist had always been regarded as holding authority. That change would bring the situation in pharmacies into line with the position in hospitals.

### Cost of Products Index

The Publications Committee reported that it had been decided, because of the great addition to the cost, not to implement the resolution made at the Branch Representatives' meeting on the issue of the Index of New Products to members.

The Standing Committees of the Council and other committees have elected or re-elected their chairmen for the ensuing year as follows:—*Education*, Mr. C. W. Maplethorpe; *Benevolent Fund*, Mr. T. Heseltine; *Establishment*, Mr. Granville Shaw; *Finance*, the treasurer; *Organisation*, Mr. T. Reid; *Public Services*, Mr. D. W. Hudson; *Law*, Mr. H. Steinman; *Publications*, Dr. B. A. Young; *Ethical*, Miss M. A. Burr. On the recommendation of the Benevolent Fund Committee, the Birdsgrove House subcommittee was appointed as follows:—Mr. T. Heseltine, Miss Burr, Mr. G. Hinchliffe, Mr. J. F. McNeal, Mr. T. Reid, Mr. Granville Shaw and Mr. Steinman, with the president and vice-president *ex-officio*, with power to co-opt. Mr. J. M. Dowty was appointed a member of the Benevolent Fund Committee.

The following persons were appointed as the Society's delegates to the General Assembly of the International Pharmaceutical Federation to be held in Rome, September 23-29:—The president, the vice-president (Mr. W. J. Tristram), the secretaries (Messrs. H. N. Linstead and F. W. Adams), Mr. E. A. Brocklehurst, Mrs. E. Corfield, Mr. H. S. Grainger and Professor A. D. Macdonald. An invitation was received from the Pan-American Federation of Pharmacy for the Society to send observers to the Second Pan-American Congress to be held at Lima, Peru, December 1-8.

## SCOTTISH DEPARTMENT ANNUAL MEETINGS

THE annual meeting of members of the Pharmaceutical Society resident in Scotland and the Scottish Branch Representatives' meeting were held jointly at 36 York Place, Edinburgh, on June 13, Mr. C. W. Macfarlane in the chair.

### Scotland in New Constitution

Addressing the meeting the CHAIRMAN mentioned with satisfaction that, in the revision of the Society's Constitution, the Scottish Department and its functions were mentioned for the first time. The Executive's recommendation that there should be parity between the requirements for England and Wales and those for Scotland in the regulations concerning registration as apprentices had been accepted by the Council. The percentage of successful candidates at the examinations remained unsatisfactory.

The findings of the Arbitration Tribunal on National Health Service payment had been very favourably received by Scottish pharmacy; indeed, even their severest critics would surely wish to congratulate the members of the Staff side of Committee B and of the Standing Committee.

He conveyed the congratulations of members of the Society in Scotland to Dr. D. McCall (resident secretary) on his recent election as a Fellow of the Royal Society of Edinburgh. The report of the scrutineers (see *C. & D.*, June 23, p. 790) was then received.

Dr. McCall, called upon to address the meeting, pointed out that it was the hundredth annual meeting of members of the Society held in Scotland. A short survey of the first minute books had proved so interesting that he had been considering whether it would be possible to produce for 1952 a printed booklet dealing with the progress of pharmacy in Scotland during the past hundred years. Outlining the history of the Department, Dr. McCall regretted that the question of training apprentices had not been taken sufficiently seriously by a "large number of private pharmacies." Discussing the effect of the National Health Service on pharmacy he said that the drift of Scottish assistants south of the Border, because of a higher rate of remuneration, had slowed. Scottish hospital services had lost a large number of pharmacists who had been attracted to the South by the better salaries in retail pharmacy.

### Plan for Scottish Unity

The weakest link in the set-up in Scotland at the moment was that there was no strong organisation of employees. He appealed, therefore, for the setting up of a non-political Scottish organisation to represent the employees. Once the employees were properly organised, they could take their place in some co-ordinating machine which could be set up. Although Scottish chemists had just come through a period of negotiation and arbitration and had received an award in their favour, it was evident that that was only the beginning of a long struggle which would never stop, and that they would only continue to achieve success if they had complete unity in pharmacy. They should start by trying to awaken the interest and sense of responsibility in the individual pharmacists; without that, they would find themselves fighting a losing battle against a Government department. The Pharmaceutical Standing Committee could join with the Executive of the Scottish Department, with the executive of a representative employee organisation, and with hospital pharmacists, to form a co-ordinating body and so obtain unity in the ranks of pharmacy in Scotland.

### The New Award

The recent award should be recognised as a decisive victory for pharmacy not only in Scotland but in the whole of Britain. Scottish pharmacists had got what they had set out to get—an increased dispensing fee—and, apart from any monetary consideration, that should be recognised as something which had justified the fight. So far as arrears were concerned, the award would probably result in a small sum per prescription being due to the pharmacist for every prescription dispensed from July 5, 1948, up to the present. It would vary according to the type of business concerned. The effect of the limitation-on-profits clause had been to reduce substantially the yield from the 33½ per cent. oncost. The adjustment of the payments would give the Department of Health and pharmacists a "very big headache," and perhaps would prove almost insoluble unless they agreed to deal with the problem on fairly broad lines. Investigations might require to be carried out and the problem settled on a percentage basis. From now onwards, the contractor would receive, an increase of from 1d. to 2½d. per prescrip-



tion—taking into account the increase of 3d. on the dispensing fee, the effect of the 25 per cent. oncost without limitation and the additional 3d. for containers. The certificates which had been given to contractors for sums representing the 8 per cent. cut should ultimately be honoured either at their face value or at their face value plus, because of the effect of the award. The award now came back to Committee B to be received, and it would then have to be approved by the Secretary of State. The value of the award had been properly epitomised in a telegram received which read: "Resounding victory for Pharmacy in Britain!"

### Discussion

THE CHAIRMAN, opening the meeting to discussion, applauded the suggestion that a booklet should be published relating the course of the history of pharmacy in Scotland in the past 100 years.

MR. R. M. McCRONE, Coatbridge, asked if, when a one year's period of training without indenture was carried out after qualification, the Society had any guarantee that such a period had, in fact, been served. The RESIDENT SECRETARY replied that the conditions regarding the recognition of the pharmacy and the declaration concerning the type of training to be given, had to be complied with in precisely the same way as in the case of an indentured apprenticeship.

MR. W. C. CARMICHAEL, Glasgow, said that, once again, the Executive election was disappointing in that only a quarter of the members in Scotland had elected to use their vote. Would it be possible to issue a circular with the voting paper, as was done at the Council election, giving particulars of each candidate. The RESIDENT SECRETARY said that it would, but he would prefer to have the necessary space allocated to it in the pharmaceutical Press.

MR. G. HEDDERWICK, Edinburgh, asked whether, as a result of the alteration in the requirements for entrance to pharmacy, a student who later wished to take a degree might find himself unable to obtain entry to a university. The RESIDENT SECRETARY explained that it was only the minimum requirements for entry which had been lowered. The Attestation of Fitness, on which a student could obtain entry to a Scottish University, still remained.

THE RESIDENT SECRETARY replying to a question by Mr. F. HEPBURN, Edinburgh, suggested that the spade work concerning

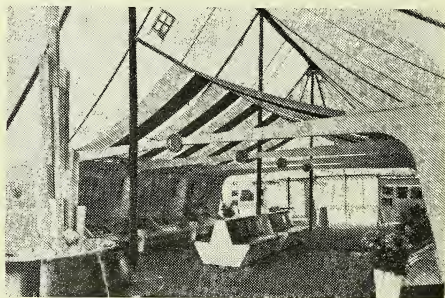
the formation of an employee organisation could be done by the Branches, perhaps by calling mass meetings in the principal towns.

MR. J. ANDERSON, Dundee, paid tribute to Dr. McCall's survey, and to the work of Mr. Bennett (chairman of the Pharmaceutical Standing Committee).

MR. McCRONE, Coatbridge, said he had been asked by the Glasgow Branch to draw attention to the fact that the report of an evening scientific meeting held at York Place in March had not been published in the "Pharmaceutical Journal" until nine weeks later.

### OPEN WEEK AT DAGENHAM

As a contribution to Dagenham's Festival of Britain celebrations, May & Baker, Ltd., arranged an "open week" during which visitors were taken in parties of twelve on conducted tours of the works each morning and afternoon. An inaugural tour on



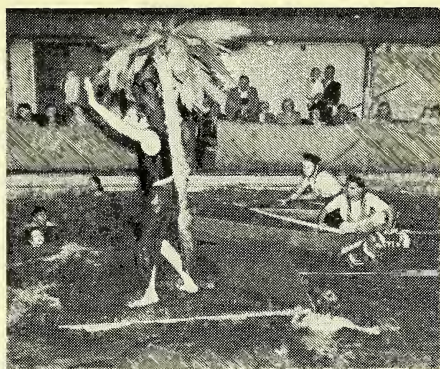
Marquee exhibition at May & Baker's "open week."

June 18 was made by the mayor and mayoress with civic officials. The route was through the offices of Pharmaceutical Specialities (May & Baker), Ltd., past windows through which granulating, compressing, and arsenicals handling were viewed, through ampoule filling, labelling, belt packing and sterilisation sections, along a tablet and ointment packing floor, through the chemotherapeutic research laboratory, and via the power houses, barbituric and sulphonamide synthesis building and ether shop to the canteen. At the entrance a beflagged reception marquee served both to set the right festival note and to house an exhibition of photographs, models and transparencies, in which good use was made of material originally prepared for exhibition at the British Industries Fair, 1951.



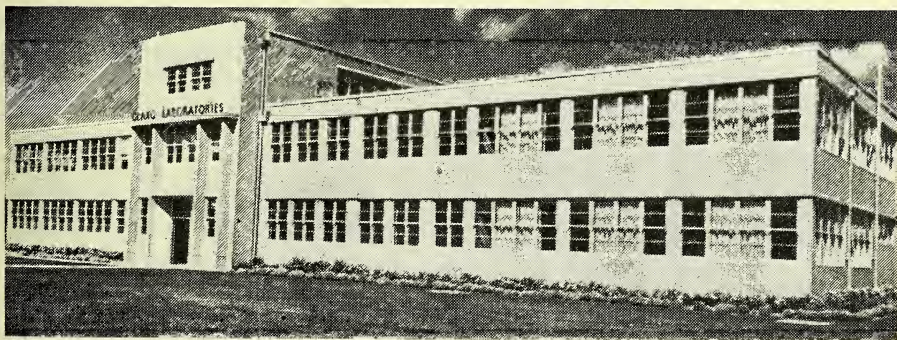
**LONG SERVICE AWARD.**—Mr. W. H. Watkin, right, director, presenting a gold watch to Mr. C. H. Bartholomew (Huddersfield representative, F. W. Hampshire & Co., Ltd., manufacturing chemists, Derby) in recognition of his twenty-five years' service with the company.

## NEWS IN PICTURES



**SWIMMING GALA.** — "Castaway Carter" on B-complex island hurls defiance at savages and mermaids in scene, "The Navy's Here" at Bemax social club (Vitamins, Ltd.) swimming gala recently.

**NEW ZEALAND FACTORY.**—General view of new laboratories, production and packaging plants of Glaxo Laboratories (New Zealand), Ltd., at Palmerston North, N.Z. The buildings are constructed in concrete on earthquake-resisting principles.



**STAFF OUTING.**—Group of the laboratory staff of Edward Gurr, Ltd., makers of microscopical stains, photographed at Southsea on June 30 on the occasion of the company's annual outing.



**CRICKET.**—Members of the Northampton chemists' and Goya cricket clubs photographed on the occasion of a recent match at Amersham. The result was a draw.





High Potency

**COD LIVER OIL CAPSULES**

- 1 Vitamin A with additional Vitamin D
- 2 Vitamin E additional to Vitamins A & D
- 3 Vitamins E & K additional to Vitamins A & D

Guaranteed by 50 years' experience in the production of COD LIVER OIL

**ALTRA LTD., 77, South Audley Street,  
LONDON, W.1** Telephone: GROSVENOR 6992

**MANUFACTURERS OF  
'OAK BRAND'  
FINEST QUALITY  
TONGUE DEPRESSORS  
AURAL PROBES  
POSTAL BOXES, Etc.**

WHOLESALE ENQUIRIES to:—

**J. HATHWAY & SONS (BERMONDSEY) LTD**  
36 Raymouth Rd., BERMONDSEY, S.E.16  
TELEPHONE: BERMONDSEY 3284

**GUMS**

**TRAGACANTH  
AND ACACIA**  
As Imported or Finely Powdered  
ALL GRADES

**HENRY MANSEY LTD., 21 LIME STREET LONDON, E.C.3**  
Telephone: Mansion House 0920

**AMPOULES**

Ampouled Injections and Powder Ampoules in large or small quantities. Specialist production under experienced Chemical and Medical supervision.

**MARKWELL, EDWARDS & CO. LTD.**  
589 HIGH ROAD, LONDON, N.12. Hillside 5806  
Telegrams: Ampuls, Northfinch, London

*Quality*  
**ASPIRIN  
TABLETS**  
*IN BULK OR PACKED*

**The WALLIS LABORATORY Ltd**  
58, KING GEORGE'S AVE. WATFORD, HERTS.

**BURROUGH'S  
ABSOLUTE  
ALCOHOL**

Cale Distillery  
London, S.E.11

**TRAGACANTH**

**SPECIALISTS IN B.P. POWDER  
SAMPLES AND PRICES ON REQUEST**  
**FREUDENTHEIL, SMITH & CO., 16 Philpot Lane,  
London, E.C.3**  
**MANsion House 1924 & 6600. Estd. 1826**

**—BLYTON ASTLEY & CO., LTD.—**

Eagle Laboratories

**LOWER BROUGHTON, MANCHESTER**

thank their customers for their patience and forbearance during these difficult times, and assure them that every effort is being made to supply quickly lines which they have previously purchased.

**Senna**

**FROM OUR OWN GROWERS** *Alexandrian & Timnevelly Pods, Leaves, Siftings*  
**John Ronaldson & Co. Ltd.**  
110 Cannon St., London, E.C.4 Phone: MANsion Hse 1321

**RANKIN BROTHERS & SONS**

(RANKINS PARTNERS, LTD.)

139 BERMONDSEY ST., LONDON, S.E.1

*for DISPENSING***CORKS**

**OWNERS OF THE FINEST  
CORK FORESTS IN PORTUGAL**

**GUM TRAGACANTH****GUM KARAYA**

WHOLE AND POWDERED

**M. HAMBURGER & SONS**

DIRECT IMPORTERS

Ceylon House

**EASTCHEAP, LONDON, E.C.3**

Telephone: Mansion House 4405 (3 lines)

**INFORMATION WANTED**

*The Editor would appreciate information about suppliers of the following items:*

*Theophysin tablets.*





*The*  
**CHEMIST AND DRUGGIST**  
 for RETAILER—WHOLESALE—MANUFACTURER  
 ESTABLISHED 1859

**Circulates throughout the Pharmaceutical, Chemical, Drug, Essential Oil, Perfumery, Cosmetic, Toilet Preparation and allied Trades throughout the World**

*Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire.*

VOL. CLVI JULY 14, 1951 No. 3725

## **“Action Stations” in the Price Maintenance Campaign**

THE Proprietary Articles Trade Association has been quick off the mark in organising its campaign in defence of the principle of collective price maintenance. The Executive Committee has recommended an appeal for contributions to a defence “fighting fund,” and the recommendation was considered by the P.A.T.A. Council on July 12. The appeal, if ratified, will be made to all members of the manufacturers', wholesale and retail sections of the Association.

Locally, action has been equally prompt. Already many pharmacists have made representations to their members of Parliament, and branch and association meetings are being organised to discuss the best methods of promoting the pharmacists' case. A lead to local discussions has been made by the P.A.T.A. Council which has sent out a memorandum (see p. 55) to every branch secretary, with enclosures to provide ammunition in the campaign.

On the very point on which opponents of the P.A.T.A. system might have expected the Associations to be most sensitive to attack, a strong challenge has been made to the Government. Mr. H. E. Chapman, in his address as guest speaker at the annual meeting of the Proprietary Association of Great Britain, referred to the criticism levelled in the White Paper that “the collective punitive action by which most fixed retail prices are enforced amounts to a private system of law which, in effect,

is outside the jurisdiction of the Courts,” and said the associations though convinced that the “punitive action” referred to was fairly applied, were prepared to delegate matters of price enforcement to a special committee presided over by an independent legally qualified chairman, if necessary appointed by the Government. “The associations do not exact fines or penalties, are not interested in exclusive dealing, have no part in price rings, and do not impose any restriction on supplies to non-members,” said Mr. Chapman. Moreover, so confident are members of the constituent associations of the Fair Prices Defence Committee that the profit margins and selling prices of listed goods are fair and reasonable, that they are prepared to submit to investigation on those points.

The reception given by the Government to those challenges will show whether it is bent on destruction or motivated by the public welfare. Nobody, so far as we know, claims that collective price maintenance as now operated is in all respects above reproach. Moderation and reasonableness, however, are on the side of the Associations which now invite reforms, and if the Government launches an atomic weapon against the whole system, the disintegrating influences it lets loose will have far-reaching and unpleasant consequences for the community, with chemists among the earliest and most severe casualties.

## **Interim Orders for Tenancies**

A DECISION recently given by the Court of Appeal concerned the right of a tenant claiming a new lease to be granted a Court order authorising him to continue in possession of shop premises until the proceedings for a new lease had been determined.

To claim a new lease a tenant has to prove that he is entitled to compensation for goodwill under the Landlord and Tenant Act, 1927, and that the compensation recoverable under the Act will not compensate him for loss of goodwill if he has to go elsewhere. He has to prove, in fact, that some of the goodwill he has created will neither remain behind should he leave, nor follow him to any new premises he may secure.

But the Act lays down a stringent procedure which the tenant must follow to secure those rights even when he can establish them. He must serve his notice of claim for a new lease at least twelve months before his tenancy is due to expire, and must, within a time specified in the Act, bring proceedings in the courts claiming his new lease. It is unlikely that the proceedings for a new lease can be completed in time and before the tenancy has run out. Usually there are two hearings. The tenant's application is referred in the first instance to a referee who examines witnesses and goes into the accounts. In due course the referee reports and the parties then examine it and may apply to the Court to vary the report. That makes further delay. If either party decides to appeal, six months or a year may elapse before the appeal is heard. Obviously, therefore, the tenancy will often expire while the proceedings are still on foot. The Act makes special provision for such cases. Where it appears that proceedings cannot be completed before termination of the tenancy, and that the delay is not due to any default on the part of the tenant, the Tribunal may make an order authorising the tenant to continue in possession until the proceedings have been completed. It is most important for a tenant, if he thinks that the proceedings will not be completed in time, to make his application to the Court, for if he lets the matter drag on the Court may say that he should have acted more promptly. If the Court does not make or refuses to make an interim order of this sort, strictly the landlord is entitled to possession of the property, notwithstanding that proceedings were still pending. Obviously, however, if the landlord instituted proceedings in the Courts to recover possession, the court would refuse to make such an order until the new lease proceedings were determined, for it would be futile with one breath to order the tenant to go out and with another to order the landlord to let him go back again into the premises.

The best course for both parties to adopt is to apply to the Court for an order to determine their rights and obligations, including the rent to be paid during the

interim period between the dates when the original lease has expired and the new lease proceedings have been determined. During that interim period the landlord is not, of course, obliged to accept the rent the tenant was hitherto paying. In a recent case the Court refused to make an interim order on the ground that the landlord had given a sufficient undertaking not to turn the tenant out in the meantime. The tenant contended that he should be granted an interim order since in that way his position would be improved because of the new law which the Government proposed to pass in the Leasehold Temporary Provisions Bill, but the Court refused to be influenced by any consideration of what the law was going to be or might be. Nevertheless, it is to the tenant's advantage, in every case where proceedings are not likely to be concluded before termination of his tenancy, to apply to the Court for an interim order authorising him to continue in possession of the premises until the new lease proceedings have been determined.

### New "Dangerous Drugs"

THE provisions of the Dangerous Drug Act (Application) Order 1951 (see page 33), formally bring within the Dangerous Drugs legislation dihydrocodeine and acetyldihydrocodeine with their salts and any preparation, admixture, etc. Those compounds did not come within the purview of the Geneva Convention, 1925. Chemists holding stocks of dihydrocodeine (known by the proprietary name Paracodin, and supplied as tablets and syrup) are therefore obliged, under the Order, to place them in the Dangerous Drugs cupboard, and are recommended to make the new entries in the appropriate place in THE CHEMIST AND DRUGGIST Poison Guide. 3-Hydroxy-N-methyl morphinan for which the name methorphan has been approved by the British Pharmacopoeia Commission since the introduction of the Order, is an analgesic at present under clinical trial in Britain. 4-Propionoxy-4-phenyl-1-methyl-3-ethylpiperidine is under clinical trial in America, and is understood to be unlikely to figure in the trade in Britain.



## WHY I LEFT THE COUNCIL

By H. M. Hirst

CONGRATULATIONS to the Society's Press Officer upon a brilliant example of "red hot" transmission of pharmaceutical news.



At 4 p.m. on June 6—the day of the election of this year's president of the Pharmaceutical Society—I purchased in Scarborough a copy of the "Yorkshire Evening Post," and found in it a paragraph headed "Youngest President Ever," which went on to furnish a full account of the life history of

Mr. F. C. Wilson, who had that day been elected president of the Society. Seeing that that newspaper is printed in Leeds and has a two-hour journey by rail to Scarborough before being on sale, the "copy" must have been transmitted before the close of the meeting in London so as to be topical news for Yorkshire pharmacists. Very smart work indeed! The news came as no surprise to myself, for it was forecast last February when, after a social meeting, I was told what was going to happen—perhaps a tongue wagging too freely, but belonging to one who was in the "inner circles" on the "majority" side of the Council Chamber. Owing to comparative ill-health, I was before that time somewhat undecided whether or not to allow my name to go forward for renomination as a Councillor, but the news forced a decision—I would resign rather than see Mr. Meldrum slighted as Mr. McNeal had been. Many members of Council are personal friends, but Messrs. Meldrum and McNeal were perhaps the closest, and I felt that a repetition of the painful scene would be unbearable. Granted that the election of Mr. Wilson was perfectly in accord with the provisions of the Charter and Pharmacy Acts, it cut across all the procedure which for many years had worked excellently and without bitterness until about 1945.

### Seniority and its Exceptions

It has been my privilege in my time to have friendships with presidents,

reaching back to the late Sir Richard Robinson (1904-06), and amongst the closest of past years were those with the late Mr. Moreton Parry and Mr. Gladstone Hines. With these two, long before I joined the Council in 1936, I had discussed the procedure which had grown up regarding the choosing of Councillors for the post of president. I was told that "seniority" was the first essential, but that there might be years when a Councillor was temporarily passed over when personal problems arose. So in 1936, when I entered the Council Chamber, it was in the company of Messrs. Howells and McNeal that we learned that Mr. Marns was president-designate to follow Mr. Saville Peck, and that Mr. Simmons (who unfortunately died a month or so afterwards) was to be vice-president. Certainly we had a ballot, but it was formal. Time marched on—Mr. Guthrie became vice-president and later president. I learnt that Mr. Jack and the late Mr. Antcliffe had both refused the presidency on personal grounds, and that was confirmed in conversation with them. Then Mr. Deacon became president during the three war years from 1939, and Mr. Wells was vice-president for the first two years. At that time, for personal reasons, Mr. Wells did not want the presidency, so in 1941 Mr. Howells was elected vice-president (later both Messrs. Wells and J. C. Young became president). This cleared up the position of all councillors who were senior to Messrs. Howells, McNeal and myself, and so it appeared only correct that Mr. McNeal should step into the picture after Mr. Howells. Seniority had worked well up to this time.

### A Change

Then came a change in affairs; Mr. McNeal was not elevated to the highest office, and Mr. Knox Mawer, Mrs. Irvine and Mr. Clement Shaw broke the rule of seniority. Personally I was not offended at being passed over, and my one wish was to see Mr. McNeal occupy the chair. He again became vice-president under Mr. Clement Shaw, and the events of 1950 will be still fresh in memory. He was slighted, and Messrs. Meldrum and Wilson were elected to the two highest honours. Let us now turn to the report of the election

of Mr. Wilson (*C. & D.*, June 16, p. 778), where it is stated that it was carried *unanimously*. Outwardly, it might appear so, for since 1945 those present at these annual events who disagreed have, loyally to the Society, remained silent and not voted. What happens is that on the Tuesday evening preceding the election a secret ballot is taken—two if necessary—and the Councillor with the top place is formally elected the next day. When some months ago an invitation came for Messrs. Meldrum and Linstead to visit officially Australia and New Zealand, and it was observed that the president would be absent at the 1951 election of officers, I felt relieved that, in honour bound, the remaining Council members would vote a formal re-election of Mr. Meldrum. As soon as I heard that it was the intention of the largest group to elect Mr. Wilson, I felt it was time I retired from the Council, so as not to be a party to the slighting of Mr. Meldrum by remaining silent in the Council Chamber and apparently supporting the motion. The decision casts no reflection on the personal character or ability of Mr. Wilson to hold the office, but I feel the slight affects not only Mr. Meldrum but also our professional colleagues in Australia and New Zealand. Not being present during the holding of the secret ballot this year, I can only guess the result, but knowing so many of my former colleagues intimately as to their views, I feel that Messrs. Meldrum and Wilson would run a very close race, with Mr. McNeal also gaining some votes. Then, probably, there would be a second eliminating ballot concerning the first two, and the result would be reflected as seen in the election of Mr. Wilson the next day.

### What of the Future?

It may be asked what I would have done if I had remained a Councillor eligible to vote at this year's presidential election. I should have voted for Mr. Meldrum under the circumstances, and I feel Mr. McNeal will have done likewise on June 5. What of the future? It would appear that in future years we shall have a succession of presidents who have entered No. 17 via Queen Square, and in due course I hope to live to see Messrs. Heseltine, Brocklehurst, Steinman and Hudson worthy presidents. When Mr. Mapletorpe grows tired of acting as chairman of the Education Committee, then he, too, has seniority and ability to his credit as a claim to be president. But the fact re-

mains that Messrs. Meldrum and McNeal have both had a "raw deal" unprecedented in the history of our Society. I have tried to serve the Society to the best of my ability as a Councillor, and though through a family bereavement I was unable to be present at the annual meeting, as 1951 chairman of the Scarborough and District Branch I hope to welcome the members of the British Pharmaceutical Council when they visit Scarborough for the full-day excursion from Harrogate, and then to say good-bye to my many friends.

## CORRESPONDENCE

### Chemists and Price Cutting

SIR,—Mr. Blore's article (*C. & D.*, July 7, p. 17) is no "newspaper story." A more truthful presentation I do not remember reading. I am sure every chemist in retail business would agree, and would like his Member of Parliament to know the profession is united on this matter.

H. T. A. GRETTON.

Arnold, Nottingham.

### Sales of the Pharmacopœia

SIR,—Xrayser's note, in your issue of June 23 (p. 793), on the distribution of the British Pharmacopœia, is of great interest. Is his reference to the Victorian consultant who "used to say 'Martindale' (or was it 'Squire'?) was his pharmacopœia" intended as a reprimand? It seems so, since he co-ordinates the number of copies sold, at a comparable time, of the B.P., 1898 (30,474 copies) and the B.P., 1948 (40,094 copies) to the number of doctors in 1901 (36,355) and 1950 (80,000 approx). But it is pertinent to ask whether the B.P. can be regarded as a book for the doctor. The information he can cull from it, for his daily work, now amounts to little more than the name of a drug and its dose. All the rest is of interest mainly to the manufacturing chemist (above all) and the retail pharmacist (in a lesser degree). The latter, however, if he is to justify his claim to professional status, to a position as an educated member of the community, cannot really avoid having a B.P. on his dispensary shelf. Otherwise he easily sinks to the level of a mere trade unionist, powerfully protected in his monopoly of the sale of Gee's linctus, Veganin tablets *et alia*. For the doctor a "Martindale" is much more useful, if only it could be arranged that annual supplements brought it fully up to date.

London, S.W.5.

J. LA FRENAYS.



## MR. MELDRUM'S AUSTRALIAN VISIT

By an Australian Correspondent

PHARMACEUTICAL history was made on May 12 when Mr. A. A. MELDRUM, accompanied by Mrs. Meldrum, landed at the Kingsford Smith airport at Sydney and became the first president of the Pharmaceutical Society of Great Britain to visit Australia. The ensuing four weeks were crowded with official engagements in Sydney, Melbourne, Canberra, Adelaide, and Brisbane, which was the culminating point of a highly successful visit. There Mr. Meldrum was one of a group of distinguished overseas delegates to the congress of the Australian and New Zealand Association for the Advancement of Science, which was part of the Queensland programme of Commonwealth Jubilee celebrations.



MR. MELDRUM AT ADELAIDE.—With Mr. B. Holland (a pharmacy student) and A. E. Bowery (assistant lecturer) Mr. Meldrum examines the problems set at a session in one of the laboratories.

At the end of the Science Congress, Mr. Meldrum attended the biennial conference of the Pharmaceutical Association of Australia and New Zealand. At first light on June 8, Mr. and Mrs. Meldrum left by air for Cairns, North Queensland, for a few days' sight-seeing tour in the company of the president of the Pharmaceutical Society of Victoria (Mr. A. G. Davis) and Mrs. Davis, on the Great Barrier Reef, the Atherton Tableland, and elsewhere.

Wherever they went, Mr. and Mrs. Meldrum made hosts of friends. They met many hundreds of pharmacists and their families at receptions and at dinner parties. Keynote of the speeches was the strong tie uniting Australia and Great Britain, and the close link between Australian pharmacy and the Pharmaceutical Society of Great Britain.

On May 20, Mr. Meldrum spoke over the Australian Broadcasting Commission's national network in the coveted "Guest of Honour" session on "The Road to Positive Health." After describing the British health service, he said that the aim of the scheme, and of any comparable scheme in any other country, must always be to ensure the positive health of the productive machine. That in turn would maintain the sinews necessary for the operation of such a health measure. The road to good health was not to be reached through visits to the doctor's surgery, nor could it be attained by swallowing gallons of medicine.

### Guests of State Societies

In their necessarily brief visits to New South Wales, Victoria, and South Australia, and during their stay of almost a month in Queensland, Mr. and Mrs. Meldrum were the guests of the respective Pharmaceutical Societies. For the Conference, the Pharmaceutical Association of Australia and New Zealand was their host. Responding to the toast of "Our Guests" at the diamond anniversary dinner of the Pharmaceutical Society of New South Wales in Sydney on May 15, Mr. Meldrum said: "It was pleasing to hear Mr. R. C. Tottenham, proposer of the toast, recall to mind the works done by members of the Pharmaceutical Society of Great Britain in the past. None of the Society's objects has stood the test better than that of education.

"Pharmacists are falling behind in their knowledge of the basic sciences, and it is difficult to impress upon them the need for higher educational standards. It is needful to expand our education at a fast rate; otherwise we shall be out of the running altogether. The next ten or twenty years will see a still greater revolution in the fields of medicine and pharmacy than any discoveries have hitherto wrought. In pharmacy today there is a terrible form of commercialism which must be stamped out."

In a paper read before the Pharmaceutical Association conference on June 1 on "Aspects of Pharmaceutical Organisation in Great Britain in the last Twenty-five Years," Mr. Meldrum dealt with broad problems in education: the influence of the laboratories within the School of Pharmacy in stimulating the study of pharma-

cology within pharmaceutical circles; practical training or apprenticeship; the Departmental Committee's inquiry into the scope and working of the Pharmacy Acts; the National Health Service; and legislation affecting antibiotics.

On their inter-State visits, all of which were made by air, Mr. and Mrs. Meldrum were accompanied at various stages by the

## HEALTH SERVICE IN NORTHERN IRELAND

A SCHEME—prepared jointly by the Medical Advisory and Pharmaceutical Committees—for reducing unnecessary pharmaceutical costs has been submitted to the Northern Ireland General Health Services Board and is to be discussed with the Ministry of Health and Local Government; details are not yet released. At a meeting of the Board on June 27 it was stated that the recent Tribunal decision regarding the remuneration of chemists in Scotland had not yet been put into effect in Scotland or followed in Northern Ireland.

The minutes of the Medical Advisory Committee recorded a case in which a doctor had been advised that he should make his prescriptions more legible. The doctor said that chemists in his area had informed him they had no difficulty in reading his writing.

THE SECRETARY reported that a chemist on the Board's list who had opened a branch pharmacy on April 4 had failed owing to illness to apply for registration until April 24. During the period between opening the branch and the date of application prescriptions costing approximately £100 had been dispensed and the service given appeared to have been satisfactory. The secretary said he knew of no ground on which permission to open the branch on April 4 could have been withheld had such a request been made prior to that date, and it was decided that payment of the prescriptions should be authorised.

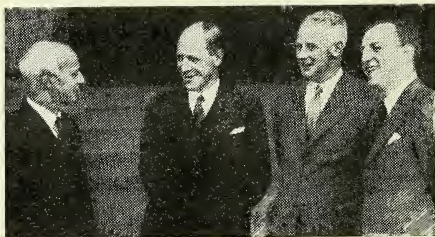
At the Medical Advisory Committee a letter was read from the Voluntary Care and After-care Committee of the co. Down Health Services regarding the provision of Prosol and Casinal for needy children suffering from coeliac disease and requesting the Board to reclassify these substances as drugs. It was decided to reply that the Central Medical Committee had given a ruling that the substances were to be regarded as foods.

THE MEDICAL ADVISER referred to a

president (Mr. W. R. Cutler) and secretary (Mr. F. C. Kent) of the Pharmaceutical Association and the president of the Australian Council of Pharmaceutical Societies (Mr. V. G. Morieson). Throughout the tour, except in the North Queensland stage, they were accompanied by the Federal Director of Pharmaceutical Public Relations (Mr. K. G. Attiwill).

printed leaflet issued to patients by a Belfast hospital containing directions for treatment of acne. In view of the cost of the drugs specified he had made inquiries and was assured by the Administrative Medical Officer that the lines of treatment recommended had been found to result in a high percentage of cures. THE SECRETARY stated that, in December 1949, the Committee had considered a circular letter issued by the manufacturers of Do-Do asthma tablets and had felt it to be unethical and undesirable. The same circular was again being issued by the firm with the paragraph to which exception had been taken faintly over stamped "cancelled." The Committee decided that the manufacturers should be informed that the Board were receiving complaints from practitioners regarding the circular.

A minute of the Executive Committee stated that the Central Medical Committee had found compressed air, while not a drug, to be essential for the treatment of a patient, and that the doctor was justified in using it. The Executive Committee expressed the opinion that the Central Medical Committee's decision was inconsistent with its view that compressed air was not a drug, and decided to appeal to the Ministry's referees.



Mr. S. E. Campbell (chairman, Londonderry and Strabane Chemists' Association) with Messrs. H. Gamble (president), H. Boyd (vice-president) and William Gorman (secretary, Pharmaceutical Society of Northern Ireland) at Londonderry on June 14.



## PROPRIETARY ASSOCIATION

THE thirty-first annual report of the Proprietary Association of Great Britain records that the Association declined to compile for the Ministry of Health a list of medicines advertised to the public but secured a modification of the definition of advertising. The report states that the Ministry of Health is endeavouring to secure special National Health Service packs for non-advertised proprietary medicines, the price to be negotiated on the basis of the pack, and that "there seems to be an intensified propaganda effort on the part of the Ministry to dissuade doctors from prescribing proprietary medicines in favour of National Formulary preparations." The Association has prepared an index of raw materials to enable it to act quickly when the Ministry requires details of the consumption of raw materials.

At the annual meeting of the Association in London on July 5, Mr. H. E. CHAPMAN (chairman, Fair Prices Defence Committee) said that effects harmful to the public, the industry and chemists would follow adoption of the Government's price-maintenance abolition proposals. The willingness of the associations to meet criticisms directed against the price maintenance system was evidenced in their being prepared to modify their scheme to remove any doubts regarding the fairness of their systems and the methods of enforcing them. Believing the profit margins as well as the selling prices of goods included in their lists were fair and reasonable, the associations were prepared to submit to investigation any charges that excessive profit margins were being operated. With a view to removing one of the main criticisms levelled in the White Paper against the associations' methods "that the collective punitive action by which most fixed retail prices are enforced amounts to a private system of law which, in effect, is outside the jurisdiction of the Courts" the associations, though convinced from their own knowledge and experience of the cases dealt with that that "punitive action" was fairly applied, were prepared to delegate to a special committee presided over by an independent legally qualified chairman (if necessary nominated by the Government) all matters relating to the enforcement of price-maintenance policy. The associations did not exact fines or penalties, were not interested in "exclusive dealing," had no part in price rings and imposed no restrictions on supplying non-members.

## ANTI-CUTTING CAMPAIGN

In a joint statement to their pharmacist members, the National Pharmaceutical Union and Proprietary Articles Trade Association urge chemists to make it a personal duty to do everything possible, collectively and individually, to make known their views to M.P.s, Parliamentary candidates and the public. Letters to both national and local newspapers are suggested, pointing out that price-cutting of branded goods, so widespread and acute that it brought many chemists to the verge of bankruptcy, led to the formation of the P.A.T.A., and that Government policy would make a return to those conditions unavoidable. If the sound basis on which the sale of proprietary goods—still a major portion of the chemists' business—now rested were undermined by price-cutting, the chemist would be unable to carry on his professional and dispensing work without financial worry. "Not more than 30 per cent. of the average chemist's business is National Health Service business, and if price maintenance goes, the chemist will be unable to give the service he is giving today." The statement, signed by Messrs. H. E. Chapman and H. Noble, concludes: "In the coming fight members of the other trade associations will play their part, and the cumulative effect of these exertions, coupled with the help that may be forthcoming from many trade unionists, may well cause the defeat of this monstrous attempt to outlaw a long-established system of fair trading." Literature likely to be helpful in presenting their case accompanies the communication.

## OUTING TO GLENARIFF

THE Chemists' and Druggists' Society of Ireland held their annual excursion to Glenariff by coach this year. On the way they visited the factory of Keldon, Ltd., Glenarm, where they were received by Mr. Fisher (manager) and Mr. Shaw. Members saw, among other processes, the preparation and packing of orange juice for welfare centres. THE PRESIDENT (Mr. Fred Storey, C.B.E.), thanking Mr. Fisher, congratulated him on the care taken in the sterilisation of the company's products. Mr. Fisher presented each member with a memento of the visit.

Guests included Mr. H. W. GAMBLE (president, Pharmaceutical Society of Northern Ireland) and Mr. C. Quinn (president, Ulster Chemists' Association).

## INTERNATIONAL CONFERENCE ON PROPRIETARIES CONTROL

(Concluded from *THE CHEMIST AND DRUGGIST*, June 23, p. 812)

ADDRESSING the professional section of the Symposium in Brussels on the morning of June 16 DR. T. CANBACK (chief of the control laboratory of the Pharmaceutical Society of Sweden), speaking in English, described the Swedish organisation of the control of pharmaceutical specialities. The control was effected through pharmacies and the pharmacist was responsible for the accuracy of the specialities' composition. Sweden had only about 500 pharmacies. Fifty-five per cent. of the medicines used were manufactured specialities. Twenty of the pharmacies were of the type known as central pharmacies and were equipped for manufacturing and supplying pharmaceutical products to the other pharmacies. From importer or manufacturer pharmaceutical specialities in Sweden went to the wholesaler who, in turn, supplied the pharmacies. Between the wholesaler and the retail pharmacy, however, were two parallel control laboratories—the S. F. L. (State Pharmaceutical Laboratory) and the A. K. L. (the Swedish Pharmaceutical Society's Control Laboratory). The State laboratory came under the ægis of the Royal Medical Board and was concerned with chemical, biological, advertisement and price control, and gave an opinion of the therapeutic value of a product.

Swedish law required that pharmacies must use certified raw materials. The method of certifying those materials—by the Pharmaceutical Society's Control Laboratory—was helped by the fact that there were only five wholesalers in the country.

### Discussion

MR. C. STEVENS, England, asked why the control in chemists' shops must be fuller in Sweden than in any other country. Did it not reflect on the pharmacists' professional standing? Surely such a control scheme was expensive and eventually it would be the consumer who would pay.

Replying, Dr. Canback said that the work of pharmacists in Sweden was not distrusted. The cost of the controls had actually been reduced with the institution of a central laboratory. He told MR. FIRCH, England, that the control of advertising was done by the head of the laboratory and that good clinical evidence had to be supplied before preparations could be ad-

vertised in newspapers. No advertising literature was shown in Swedish pharmacies and none was sent to doctors or dentists. MR. E. W. GODDING, England, said that competition which appeared to be excluded in Sweden could be of value to the public welfare, and claimed that the cost of insulin in Britain was less today because of competition than it would have been otherwise. On the other hand there was a form of useless competition represented by the repetition of formulas by different makers. Replying to MR. GODDING, DR. CANBACK said that for a new invention to be accepted it should show considerable advantages over already existing medicaments. To another questioner, DR. CANBACK said that the State had set up its control in Sweden, as the State was in a position to enforce its decisions.

### Control by the Profession

Giving a paper entitled "The Control of Pharmaceutical Specialities Assured by the Profession," during the afternoon session of June 16, MR. P. DEGAND (a secretary of the Belgian Pharmaceutical Association) said there were four types of control of proprietary medicine. 1. Private control organised by one person (i.e., when the individual pharmacist was the manufacturer). 2. Control organised by a group of persons. 3. Control by the State. 4. Control by the professions responsible for the quality of medicaments. The profession ought to be engaged in speciality control because it possessed the "know how" and was independent of manufacturers. The State should not be excluded but should be limited in its authority to what was normal to a State.

### Closing Session

The closing session of the Symposium was held on the morning of June 17 in the grand hall of the *Université Libre*, under the joint chairmanship of Messrs. J. Tramasure and R. Nolf, president and vice-president respectively of the Belgian Pharmaceutical Association. It was attended by about 1,000 Belgian pharmacists, the Danish commercial attaché, the Belgian ministers of social security and of public health, president of the Belgian Senate and members of the Senate and Chamber.



MR. TRAMASURE, in his opening speech, expressed the need for the internationalisation of methods of analysis and called upon the *Fédération Internationale Pharmaceutique* to exercise its influence in that respect with the Expert Committee on Unification of Pharmacopœias of the World Health Organisation.

DR. E. HÖST-MADSEN, Denmark (president of the *Fédération Internationale Pharmaceutique*), called upon to address the Symposium, said that the profession of pharmacy centred round the question of control, and concerned the pharmacists of the whole world. The International Pharmaceutical Federation had been concerned with control as far back as 1938. Behind the words which had been spoken at the Conference had been a "happy and fruitful" collaboration, and he gave his felicitations to the conclusions reached as being steps towards the well-being of health of the people of Belgium and of the world.

PROFESSOR C. STAINIER, Liège University, Belgium, addressing the Symposium on "Foreign Control of Specialities" emphasised that credit should be given to "serious firms" who financed chemical and medical research. Their right to present in a specialised form new products which constituted real steps forward would not be questioned, but it was evident that considerations of public health did not justify the 30,000 or 40,000 specialities which existed on the market. How many valueless though perhaps inoffensive specialities owed their success to an unbridled publicity by radio, cinema, leaflet, free samples and the rest? Specialities should be

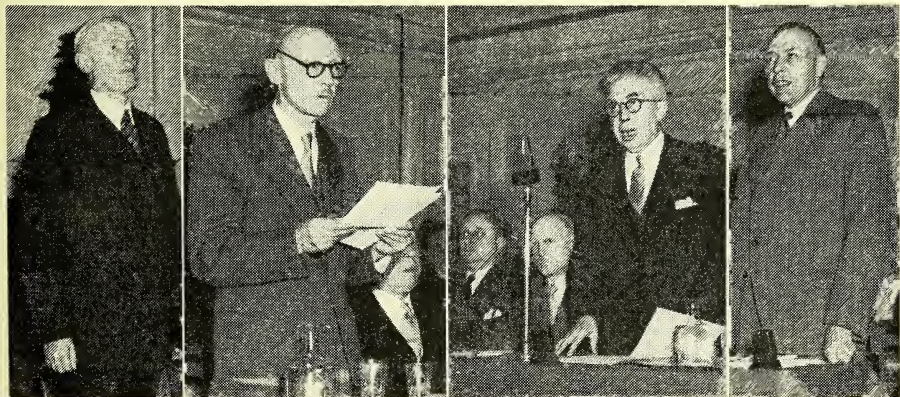
analysed and the financial cost of control organised by the professional association should be borne by retail chemists in proportion to the number of specialities which each handles.

Professor Stainier then reviewed the extent to which control had been achieved in various countries:-

In Holland specialities are not submitted to any control—a situation that is particularly serious as specialities are sold by anyone who pays for a licence. There exists, however, a pharmacotherapeutic institution supported by the Government which undertakes research on composition, purity, and pharmacology and clinical action of specialities, etc., and gives to pharmacists and doctors information on medical subjects. The institution was directed by Professor E. H. Vogelenzang. A system of control was being studied.

After reviewing the Poisons and Food and Drugs Legislation in Great Britain, Professor Stainier concluded that in practice (unlike the theory) there was no control of medical specialities there. The subject of publicity had been tackled by private enterprise.

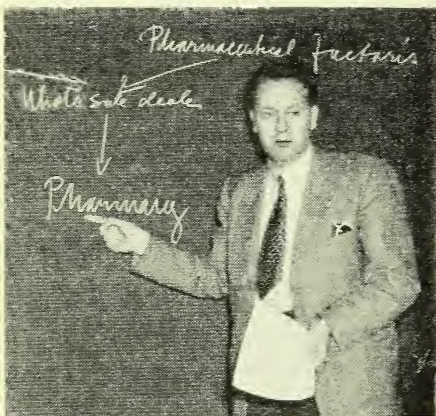
In the United States pharmaceutical legislation differed from State to State. The Food and Drug Administration, a Federal organisation, had in its authority the control of medicaments. Manufacturing and wholesale business in specialities was free. There were two categories of specialities. Those which could be sold only by the pharmacist contained substances that were very active, toxic, narcotic, etc., and they had to carry a formula



Speakers at the Closing Session. Left to right: Dr. E. Höst-Madsen (Denmark); Messrs. R. Nolf, J. Tramasure, and Professor C. Stainier (Belgium).

indicating their composition. The F.D.A. was charged with regulating publicity in certain States.

In Canada the situation was similar to what obtained in the United States.



Dr. T. Canbäck illustrates on a blackboard the structure of pharmaceutical control in Sweden.

### Switzerland

Despite the diversity of legislation in the twenty-five Cantons which constitute the *Confédération Helvétique*, the control of specialties has been organized since 1900. The *Office Intercantonal des Médicaments (O.I.C.M.)* is charged with that mission, under the direction of Mr. J. Farine, who is helped by a panel of experts. The Swiss Pharmaceutical Society has put its laboratory (directed by Mr. Burgin) at the disposal of the O.I.C.M., and undertakes the analysis of all specialties.

### Austria

In Austria specialties are only sold in pharmacies, and they have to be approved by the Minister of Public Health. Specialties which are a repetition of existing products on the market are rejected unless they incorporate a notable improvement.

The registration of specialties in impending legislation in Italy will be reserved to preparations that present in their composition an original character, etc.

### France

In France the manufacture of medications and the wholesale trade are in the hands of pharmacists. Visas required for marketing specialties are granted by the

Minister of Public Health. Every demand for a visa has to be accompanied by full information on the qualitative and quantitative composition of the specialty; the mode of preparation, the method of assay by the manufacturer for the control of primary materials, etc. The specialties have to comply with a number of conditions, including the requirement that they should present a novel character.

PROFESSOR STAINIER reviewed the methods of control in Sweden, Norway and Denmark, which, he said, were very similar.

### Advertising "Superfluous"

PROFESSOR R. RUYSEN, Ghent, addressing the session, said that any advertising of medicinal products directed to the public was superfluous, if not actually against the interests of rational medicine. Advertising led to the misuse of medicinal products; it created a demand and a need and flattered the public's belief that there was a remedy within its reach, and its hope of curing ailments that were sometimes purely imaginary or imperfectly understood. Socially useful legislation would restrain ostentatious and false advertising, and prohibit all public and extra-professional publicity. The pharmacist should serve as a model by removing from his own displays anything that is not in harmony with the scientific character of his profession.

## A PHARMACIST'S ANTHOLOGY

AND Wren the chemist tall and spare  
 Stood gaunt behind his counter there.  
 Quiet and very wise he seemed,  
 With skull-like face, bald head that gleamed;  
 Through spectacles his eyes looked kind;  
 He wore a pencil tucked behind  
 His ear. And never he mistakes  
 The wildest signs the doctor makes  
 Prescribing drugs. Brown paper, string  
 He will not use for anything,  
 But all in neat white parcels packs  
 And sticks them up with sealing wax,  
 Miss Thompson bowed and blushed, and then  
 Undoubting bought of Mr. Wren,  
 Being free from modern scepticism,  
 A bottle for her rheumatism,  
 Also some peppermints to take  
 In case of wind; an oval cake  
 Of scented soap; a penny square  
 Of pungent naphthalene to scare  
 The moth.

From "Miss Thompson goes Shopping," by  
 Martin Armstrong.



## MEDICAL ABSTRACTS

**ACTH in Rheumatic Carditis.**—Wilson and helper ("Journal of the American Medical Association," 1951, **145**, 133-38) administered pituitary adrenocorticotrophic hormone in doses of 30 to 100 mgm. to eleven patients with acute rheumatic carditis. Four to twelve months after ceasing the treatment of six patients who had an initial attack, there was no evidence of residual cardiac damage in two and equivocal evidence in three; in five patients experiencing a recurrent attack there was no clinical evidence of increased cardiac damage.

**Isopropyl Chloride Danger.**—While in about fifty cases in which it was used by Elam and Newhouse ("British Medical Journal," 1951, **1**, 13-14), isopropyl chloride was found to be easily administered and well received, they decided to obtain electrocardiographic records when a patient in whom anæsthesia had been induced with nitrous oxide, oxygen and isopropyl chloride died subsequently from cardiac arrest. Electrocardiograms made with two healthy patients as subjects indicated that the compound had a toxic action on the myocardium.

**Chloramphenicol in Typhoid Fever.**—Twenty-one patients out of sixty-seven who arrived in London from abroad suffering from typhoid fever contracted on board ship were treated in hospital with chloramphenicol by Hill and colleagues ("Lancet," 1950, **2**, 802-04). Dosage was according to two schemes. Eleven patients were given an initial dose of 4 gm. followed by 3 gm. daily until disappearance of the fever, when 1.5 gm. was given daily. The remainder were given an intensive course for forty-eight hours (4 gm. initially, followed by 2 gm. every six hours). All patients showed improvement after forty-eight hours, but four from the second group did not maintain the improvement in the second forty-eight hours. Their treatment was continued as for the first group. The causative organisms in all the patients disappeared rapidly from the blood, but twelve patients relapsed in from ten to sixteen days after cessation of therapy and ten of them had to have further treatment.

**Chemotherapy May Supplant Surgery.**—A recent outbreak in Dundee of obstructive laryngotracheitis and laryngotracheobronchitis has enabled Keay and

Thompson ("Lancet," 1951, **6648**, 181) to make good in some degree by ample annotations a deficiency in the literature available from British sources on those conditions. The first description is used for conditions in which there is acute laryngeal inflammation with persistent respiratory obstruction, and the term laryngotracheobronchitis for cases in which there is also auscultatory or other evidence of bronchitis. The details of twenty-two cases are summarised in a table, and it is noted that laryngoscopy, where that was done, was followed by an increase in respiratory distress; and that two cases in which tracheotomy and one in which laryngeal intubation was done were not improved thereby. In most cases reliance was placed on supporting measures (high atmospheric humidity; use of oxygen, etc.), combined with chemotherapy (with sulphonamides) and antibiotics. "Chemotherapeutic and antibiotic drugs may," the authors conclude, "in many cases at least, supplant the surgical measures which have in the past been considered essential in treatment."

**Poisoning by Carbon Tetrachloride.**—Four cases of poisoning by carbon tetrachloride are reported by Foxell ("British Medical Journal," 1951, **1**, 397). In one case the patient (a naval officer) had taken 14 mls of the substance in lime juice in mistake for gin. He declined the advice of a medical officer to have a stomach wash-out, subsequently took an alcoholic drink, and five days later died in hospital. Necropsy showed that the stomach and kidneys were damaged and the liver almost completely destroyed. In the second case a boiler-maker working in a confined space below a carbon tetrachloride spray was found collapsed. Oxygen was administered and he recovered in ten minutes, was discharged from hospital after two days, and three weeks later was seen fit. A third case was of a girl aged three who helped herself to liquid in a Ministry of Food orange juice bottle that had been used to store carbon tetrachloride. The child became drowsy but a meal of fish and chips had a "most fortunate emetic effect." Three-quarters of an hour after taking the poison she lost consciousness and was admitted to hospital, where she was given a stomach wash-out, regaining consciousness about midnight. At no time did the patient show any evidence of renal or hepatic injury.

## TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

### London, July 11

AVERAGE trade in PHARMACEUTICAL and FINE CHEMICALS is reported in the home market during the week. Many inquiries, especially from overseas, were received for those commodities which are in short supply. Further substantial rises in prices have taken place. The new schedule for four BISMUTH salts shows increases of from 4s. to 5s. per lb. in the price of CARBONATE; 2s. 9d. to 3s. 3d. for SALICYLATE; 2s. 5d. to 2s. 9d. for SUBGALLATE and 3s. 4d. to 3s. 9d. for SUBNITRATE according to size of pack supplied. BISMUTH CITRATE has been dropped from the regular schedule and new prices are awaited. ATROPINE ALKALOID has been increased by 5s. per oz. Atropine salts are also dearer: the SULPHATE and METHYL NITRATE by 4s. per oz. and METHYL BROMIDE by 3s. 6d. Although new prices for HOMATROPINE have not been announced a rise is expected to follow as a matter of course. The price of PREPARED CHALK has almost doubled recently and is now 45s. per cwt., in 7-lb. boxes. SILVER NITRATE has reverted to the price ruling before it was shaded in June. Makers' prices for POTASSIUM BROMATE have also advanced.

The CRUDE DRUGS market continues quiet. Prices, nevertheless, remain firm the only exceptions being in respect of those drugs for which new season's crop are coming forward. SENEGA is being quoted at 15s. per lb., c.i.f. It is still very difficult to get offers from source for prime CAPE ALOES. The SHELLAC marked eased slightly during the week. New crop MOROCCO CORIANDER seeds are landing and spot prices have fallen; sellers are asking 125s. per cwt., duty paid.

The ESSENTIAL OILS market is quiet. Forward shipments of CITRONELLA from Java and Formosa show a further decline in prices. BOIS DE ROSE shows a firmer tone and English-expressed ALMOND is dearer by sixpence per lb.

### U.S. Drug and Chemical Report

#### New York, July 6

DEMAND for PHENOL shows no signs of slackening. Requests from Latin America are extremely heavy, and steadily increasing orders from Europe—normally supplied by Great Britain or self-sustaining—are noted. U.S. producers are heavily booked with export orders up till the middle of 1952 and present orders are being accepted with neither price nor delivery commitments. One company has announced reductions ranging up to 4 cents per gall. for INDUSTRIAL ALCOHOL. Specially denatured ALCOHOL has been reduced by 2 cents and proprietary solvents by 3 cents

per gall. in less than tank-car quantities. COPPER SULPHATE and CARBON TETRACHLORIDE are in short supply. METHYL CHLORIDE and SEBACIC ACID have been put under control by the U.S. Office of Price Stabilisation. The scarcity in basic coal-tar materials has had its effect on items such as SODIUM BENZOATE, BENZOIC ACID, BENZALDEHYDE. The CRUDE DRUGS market continues quiet. TOLU BALSAM is reported to have disappeared both in market channels and at origin. Trade in ESSENTIAL OILS is also quiet, but there have been a number of price changes during the past week. Florida ORANGE OIL and Java CITRONELLA were among the items which declined in price, while WORMSEED oil, which is becoming scarcer, increased in price.

### Pharmaceutical Chemicals

ACETANILIDE.—1-cwt. lots are 2s. 11d. for crystals and 3s. per lb. for powder.

ADRENALINE.—B.P. is nominally from 3s. to 3s. 6d. per gm. for natural and 2s. to 2s. 6d. for synthetic; racemic, 2s. per gm.

AMMONIUM CARBONATE.—Lump is 67s. 6d. per cwt.; powder, 70s. 6d. BICARBONATE is 65s. 4d. per cwt.

AMMONIUM CHLORIDE, B.P. — Makers quote 1-cwt. lots at 11½d. per lb.

ATROPINE.—Dearer. Rates per oz. are now: ALKALOID, 58s. 9d.; 4-oz., 58s. 3d.; 25-oz., 57s. 9d. SULPHATE, 48s. 9d.; 4-oz., 48s. 3d.; 25-oz., 47s. 9d. METHYL NITRATE in 4-oz. lots is 78s. 6d. and METHYL BROMIDE, 76s. 6d. per oz.

BENZYL BENZOATE. — Makers offer B.P. grade at from 4s. 3d. to 5s. per lb.

BISMUTH SALTS.—Increased rates. New scheduled prices (per lb.) are as follows:—

	1-cwt.	28-lb.	7-lb.
	s. d.	s. d.	s. d.
CARBONATE ...	31 8	31 11	36 1
SALICYLATE ...	26 0	26 3	29 8
SUBGALLATE ...	25 11	26 2	29 7
SUBNITRATE ...	27 9	28 0	31 8

Bismuth citrate is no longer included in the grouped salts on the schedule.

CHALK.—Price of cones per cwt. is now 40s. (in 7-lb. boxes, 45s.).

CITRIC ACID.—In good inquiry; British makers quote 1s. 9d. to 1s. 11d. per lb. for 5-cwt. lots less 5 per cent.; 1-cwt., 1s. 9½d. to 1s. 11½d. per lb.

COCAINE. — Current rates per oz. are: ALKALOID, CITRATE and SALICYLATE, bottles, ¼-oz., 89s.; ½-oz., 85s.; 1-oz., 82s. 6d.; 2-oz., 80s. 6d.; 4-oz., 79s. 3d.; 8-oz., 78s. 3d.; 16-oz., 75s. 3d.; tins, 25-oz., 73s. 9d. HYDROCHLORIDE, NITRATE and SULPHATE, bottles, ¼-oz., 79s.; ½-oz., 75s.; 1-oz., 72s. 6d.; 2-oz., 70s. 6d.; 4-oz., 69s. 3d.; 8-oz., 68s. 3d.; 16-oz., 65s. 3d.; tins, 25-oz., 64s.



**GLUCOSE.**—Prices (per cwt.) for liquid glucose sold by manufacturers (or distributors) to consumers in original containers are as follows:—In tanks (2 tons or over), 72s. 6d.; in 3-cwt. barrels or over, 74s. 4½d.; in 5 to 6-cwt. drums, 73s. 9d.; in 1-cwt. drums or pails, 74s. 1½d.; in 56-lb. tins, 76s. 6d.; in 28-lb. tins, 78s. 3d.; in tins or jars of 14-lb. capacity or less, 80s. Higher prices up to 99s. 6d. per cwt. are charged where the buyer requests the breaking down of an original container of 3-cwt. or more capacity.

**MANDELIC ACID.**—1-cwt. lots in 28-lb. containers are quoted at 10s. 6d. per lb. **CALCIUM SALT** is also 10s. 6d. and **SODIUM**, 11s. per lb.

**OPATES.**—Home-trade rates (per oz.) for quantities of 5 oz. and upwards are as follows:—**CODEINE.**—Alkaloid, hydrobromide and iodide, 58s. 6d.; hydrochloride and sulphate, 51s.; phosphate, 44s. **MORPHINE.**—Alkaloid bimeconate, and tartrate, 62s. 6d.; hydrochloride, acetate, hydrobromide and sulphate, 52s. **DIAMORPHINE.**—Alkaloid, 62s.; hydrochloride, 56s. 6d. **ETHYLMORPHINE.**—Alkaloid, 65s. 6d.; hydrochloride, 55s. 6d.

**PHENOL.**—Basic price for B.P. in drums is 1s. 6d. per lb.

**QUININE.**—Makers' rates (per oz.) to home-trade distributors are given below:—additional charges must be added for repacking, etc. **ALKALOID**, from 5s. to 5s. 6d.; **ACETYSALICYLATE**, 6s. 3d. to 6s. 9d.; **BISULPHATE**, 3s. 7d. to 4s. 1d. **DIHYDROBROMIDE** and **DIHYDROCHLORIDE**, 4s. 11d. to 5s. 5d.; **FORMATE**, 5s. 9d. to 6s. 3d.; **GLYCEROPHOSPHATE**, and **PHOSPHATE**, 5s. 5d. to 5s. 11d.; **HYDROBROMIDE** and **HYDROCHLORIDE**, 4s. 6d. to 5s.; **SALICYLATE**, 4s. 8d. to 5s. 2d.; **SULPHATE**, 4s. to 4s. 6d.; **QUININE** and **UREA HYDROCHLORIDE** is quoted from 4s. 10d. to 5s. 4d.

**RESORCIN.**—Prices are from 12s. 6d. per lb. **MONOACETATE** is from 16s. to 17s. 6d.

**ROCHELLE SALT.**—Rates (per cwt.) for powder or granulated material are: 5-cwt. lots, 200s.; 1-cwt., 202s. 6d. Smaller quantities are from 2s. 3d. to 2s. 6d. per lb. **SEIDLITZ POWDER**, ordinary strength, is 154s. 3d. per cwt. in 5-cwt. lots. 1-cwt., 156s. 3d.; smalls, from 1s. 10d. to 2s. 1d. per lb. Extra strong is 166s. 9d. and 168s. 6d. (smalls, 1s. 11d. to 2s. 2d.) for similar quantities, and double strength, 173s. 9d. to 176s. per cwt. (2s. to 2s. 3d. per lb.).

**SODIUM SULPHITE.**—Prices are as follows:—**ANHYDROUS** powder, in 4-ton lots, £48 per ton, packed in 1-cwt. free drums. **Sea CRYSTALS** (photographic), in 4-ton lots, £31 per ton in free kegs or £23 per ton in 1-cwt. bags. Surcharges: 2 tons, 0s.; 1 ton, £1; 10 cwt., £2; 5 cwt., £3; cwt., £6 more than above rates.

## Crude Drugs

**ALOES.**—Prime Cape continues scarce at source. A parcel of July shipment is offered at 235s. per cwt., c.i.f.

**BUCHU.**—Short round leaves on the spot are offered at 2s. 2d. per lb.; for shipment, 1s. 10½d., c.i.f.

**CALUMBA.**—Natural quoted at 85s. per cwt., spot.

**CAMPHOR.**—Chinese (B.P.) powder on the spot is from 5s. 3d. to 5s. 9d. per lb., duty paid (4s. 9d. to 5s. 3d. in bond); ¼-oz. tablets on the spot are from 7s. 3d. per lb., duty paid; shipment, 6s. 4½d.

**CAPSICUMS.**—A parcel of Abyssinian is offered at 120s. per cwt., duty paid, spot London.

**CHILLIES.**—West African on the spot are quoted at 270s. per cwt. East African (Mombasa), 340s., ex warehouse.

**CLOVES.**—Zanzibar on spot, quoted at 4s. per lb.; for shipment, 3s. 6½d., c.i.f. Madagascar is nominally 3s. 6d. per lb., spot, in bond; forward, 3s. 3d. per lb., c.i.f. New-crop, September-October shipment, 3s. 3d. per lb., c.i.f.

**ERGOT.**—Portuguese new-crop is offered at 43s. per lb., c.i.f., early shipment, 42s. 6d., c.i.f., August shipment.

**GINGER.**—African on the spot is 290s. per cwt.; for shipment, 280s., c.i.f. Jamaican, No. 2, 510s. per cwt. and No. 3, 500s., spot; new-crop for shipment, No. 3, 480s., c.i.f.

**HENNA.**—Sudan is 102s. 6d. per cwt. on the spot.

**IPEACACUANHA.**—Colombian is quoted at from 56s. to 56s. 6d. per lb., c.i.f. Nicaraguan, 57s. 6d. per lb., July-August shipment, c.i.f.

**MACE.**—West Indian pale blade is nominal at 9s. 9d. per lb.; for shipment, 9s. 4d., c.i.f.

**MENTHOL.**—Chinese on the spot is from 91s. to 92s. 6d. per lb., duty paid. Brazilian, on the spot is from 88s. to 89s. per lb., duty paid (84s. 6d. in bond).

**MERCURY.**—Spot quotations are from £73 5s. to £73 10s. per flask ex warehouse.

**NUTMEGS.**—West Indian 80's, quoted at 4s. 6d. and unassorted at 4s. per lb., ex warehouse. East Indian for shipment are quoted at 4s. 9½d. to 4s. 9½d., c.i.f.

**PAPAIN.**—East African No. 1 white on spot is quoted at from 35s. to 38s. per lb.; Ceylon sun-dried on spot is 31s. per lb.

**PERU BALSAM.**—Verv limited supplies on spot and nominal at 21s. per lb.; for shipment from the origin, 16s. to 17s., c.i.f. is quoted.

**SARSAPARILLA.**—Jamaican native red is quoted at 2s. 7d. per lb., ex warehouse London; for shipment, 2s. 4½d. per lb., c.i.f.

**SEEDS.**—All seeds have been quiet during the past week with little business reported. **ANISE.**—Turkish is 150s. per cwt., in bond (160s. duty paid). Cyprus is 162s. 6d. per cwt., duty free. **CARAWAY.**—Dutch is unchanged at 137s. 6d. per cwt., duty paid in London. **CELERY.**—Indian is offered at 1s. 10½d. per lb., spot London. **CORIANDE.**—Morocco on spot has dropped in view of the new - crop now landing. Sellers are asking 125s. per cwt., duty paid. Indian is about the same price. **CUMIN.**—Cyprus and Indian are quoted at 245s. per cwt., spot London. For shipment, new-crop Morocco is quoted at 185s. per cwt.; Cyprus, 180s., and Indian at 200s., all c.i.f. **DILL.**—Indian is 80s. per cwt., spot, and 67s. 6d. per cwt., c.i.f., for July-August shipment. **FENNEL.**—Indian still offering at 140s. per cwt., spot London. **FENUGREEK.**—Morocco, 49s. per cwt., duty paid, spot London or Liverpool.

**SENEGA.**—Easier. New-crop is at 15s. per lb., c.i.f.

**SENNA.**—Tinnevely wet-crop leaves for July-September shipment are quoted as follows:—Prime No. 1, 1s. 3d.; No. 2, prime, 1s. 1½d., and f.a.q., 1s. 0½d.; No. 3, prime, 11½d., f.a.q., 11d.; No. 4, cleaned, 9½d., and f.a.q., 8½d. per lb., c.i.f. F.a.q. pods, for shipment, 1s. 2½d. to 1s. 3d. per lb., c.i.f. A parcel of hand-picked Alexandria pods is offered at 6s. to 6s. 6d. per lb.

**SHELLAC.**—Easier. Spot F.O.T.N., pure, is 365s.; F.O. Standard 1, 375s.; and fine orange, 405s. to 485s. per cwt.

**TAMARINDS.**—Calcutta on spot is 70s. (10 per cent. stones) and 72s. (5 per cent.) per cwt. Calcutta for shipment are quoted at 63s. to 65s. per cwt., c.i.f., with a 10 per cent. and 5 per cent. stone content, respectively.

**TOLU BALSAM.**—Natural on spot is 45s. 6d. per lb., and B.P., from 35s. to 37s. 6d. per lb. Natural from the origin is quoted at 42s. 6d. c.i.f.

**TONKA BEANS.**—Firm. Frosted Parà are quoted at 6s. 9d. per lb., and Trinidad at 7s., ex warehouse.

**WAXES.**—Market for all waxes has been quiet. **BEES.**—Dar-es-Salaam on spot is 620s. per cwt.; July - August shipment, 595s., c.i.f. Benguella on spot is 575s. per cwt., in bond; July-August shipment, 530s., c.i.f. **CANDELILLA.**—Spot supplies are offered at 620s. per cwt., ex store, 615s., c.i.f. **CARNAUBA.**—Prime yellow, spot, 1,150s. per cwt.; affloat, 1,120s., c.i.f.; for July-August shipment, 1,020s., c.i.f. Fatty grey, affloat, 1,000s. per cwt., c.i.f. July-August shipment from the origin is 995s., c.i.f. **MONTAN.**—Reibeck crude on the spot is 127s. 6d. per cwt. **OURICURI.**—Spot, 1.9 per cent., 895s. per cwt.; 1.3 per cent., 915s. Shipment quotations are lower.

## Essential and Expressed Oils

**ALMOND.**—English-expressed is from 6s. 6d. to 7s. 6d. per lb. Bitter essential oil (s.a.p.) is from 26s. per lb., upwards, as to grade.

**AMBER.**—Prices are unchanged. Rectified on the spot is quoted at from 1s. 6d. per lb.

**ANISE.**—Spot quotations are from 12s. to 12s. 3d. per lb.; for shipment, 11s. 6d., sellers, c.i.f.

**BAY.**—Easier. West Indian is quoted from 14s. per lb., as to quantity.

**BERGAMOT.**—Supplies remain difficult. Nominal spot quotation is 82s. 6d. per lb.

**BOIS DE ROSE.**—Firm. Brazilian on the spot is from 42s. 6d. to 47s. per lb., as to quantity.

**CADE.**—Supplies of Spanish are from 2s. 6d. to 3s. per lb.

**CANANGA.**—Supplies on the spot are quoted at 90s. to 92s. 6d. per lb.

**CARAWAY.**—English-distilled is offered at 45s.; imported oils in limited supply are from 38s. to 40s. per lb., on the spot.

**CASSIA.**—Quiet. Spot supplies are offered from 27s. 6d. to 28s. 6d. per lb.; for shipment, 25s., c.i.f., quoted.

**CASTOR.**—B.P. oil on the spot is nominally £336 per ton; Firsts, from £330; Seconds, £320 per ton naked, ex mill.

**CEDARWOOD.**—Spot quotations for Kenya are from 5s. 6d. per lb.

**CINNAMON.**—B.P. oil on the spot is quoted at from 67s. 6d. to 70s. per lb. English bark oil is offered at 21s. to 24s. per oz. Ceylon leaf, 16s. 6d. per lb., spot, nominal; for shipment, 13s. 6d., c.i.f.

**CITRONELLA.**—Little demand. Ceylon is quoted at from 12s. 6d. per lb., spot; for shipment, 11s. 3d., c.i.f. Java on spot is quoted at 12s. 6d. per lb.; for shipment, 10s., c.i.f. Formosa on spot, 14s. (in bond, 13s. 6d.), 9s. 6d., c.i.f.

**CUBEBS.**—English-distilled is offered at from 50s. to 55s. per lb. Imported is quoted at from 60s. to 65s.

**CUMIN.**—Quotations for English-distilled oil are about 70s. per lb.

**DILL.**—English-distilled oil is quoted at about 65s. per lb. for B.P. quality. Imported oils are offered at from 47s. to 55s. per lb., as to holder. East India, 32s. 6d., spot.

**FENNEL.**—Spanish sweet on the spot is quoted at 12s. 6d. to 17s. 6d. per lb.

**GERANIUM.**—Quiet. Bourbon on the spot is from 165s. to 170s. per lb.

**LEMONGRASS.**—Spot quotations are from 23s. 6d. per lb. July-August shipment, from 18s. 6d., c.i.f.

**PIMENTO BERRY.**—English-distilled oil, 85s. per lb. Imported oil is from 45s. to 47s. 6d. per lb., spot.



## WORLD TRADE

**Bismuth for Germany.**—Import authorisation has been granted by the West German Government Import Committee for 100,000 dollars' worth of bismuth from Great Britain.

**Penicillin Factory for Brazil.**—Briston Labor Therapeutica, a subsidiary of Briston Laboratories, Syracuse, New York, is shortly to start production of penicillin at a factory in Sao Paulo, Brazil.

**Swiss Drug Import Controls.**—The Swiss Government has announced that the import of certain antibiotics will henceforth be subject to licensing restrictions. Licences will only be issued to firms stockpiling the drugs on a national scale.

**Industrial Plants for Pakistan.**—A plant is being set up at Mardan, in the North-west Frontier Province of Pakistan, to produce industrial alcohol. A factory for producing ammonium sulphate from coal is also contemplated. The first absorbent cotton factory to be built in the country is expected to be in operation during July.

**Dutch-Spanish Trade.**—Negotiations between a Dutch and a Spanish delegations in the Hague recently led to the conclusion of a trade agreement between the two countries providing for an exchange of goods worth 80 million guilders both ways. The agreement will be valid as from June 1, 1951, until June 1, 1952. Main items to be exported by Holland include chemical and pharmaceutical products.

**Indo-Swiss Agreement Extended.**—The Indian Commerce and Industry Ministry has announced that the Indo-Swiss trade agreement has been extended to the end of 1951. Its limited renewal has reduced quotas for the import and export of restricted items to five-sixths of those of the past year. The principal items imported to India from Switzerland include chemicals and pharmaceutical products.

**Indonesian Cinchona Bark Output.**—According to provisional figures of the central Bureau of Statistics, plantation production of cinchona bark in Indonesia in 1950 was 5,670 tons and in January the current year 578 tons. Cinchona plantations in operation in January (compared with the previous month) were: 68 (8) with an area of 9,685 (10,006) hectares; plantations yielding production, 47 (2), area 4,515 (4,675) hectares.

## TARIFF CONCESSIONS

CHANGES in the United Kingdom Tariff are to be made on September 1 as a consequence of the tariff concessions agreed upon by the United Kingdom during the recent conference at Torquay. Items on which duty rates are to be altered include the following:—

Description of Products	Current Rate of Duty per cent.	Rate after September 1 per cent.
Packing and labelling machines, the following: Machines for filling containers, being machines incorporating devices which automatically control the quantity of material to be inserted into each container, but not including machines constructed for performing operations additional to filling and control of quantity.	20	15
Tube filling machines, being machines for filling and closing collapsible metal containers.	20	15
Certain dental instruments and appliances.	20	15
Unexposed sensitised photographic paper, cloth, plates and film (other than cinematograph film), spools.	25	24
The following synthetic organic chemicals, reagents, fine chemicals, etc.: Amidopyrin ... ..	33½	10
Cadmium sulphide ... ..	33½	20
Ethyl esters, the following: ethyl p-hydroxy benzoate.	33½	25
Hexoic acid, the following: α ethylbutyric acid.	33½	10
Methyl esters, the following: methyl p-hydroxy benzoate.	33½	25
Phenylguanidine and other substitution derivatives of guanidine and compounds thereof, the following: dicyandiamide.	10	Free.
Propyl esters, the following: propyl p-hydroxy benzoate.	33½	25
Calcium carbonate, precipitated ... ..	20	10
Carbon blacks (other than from natural gas), except acetylene blacks.	20	10
Potassium chlorate ... ..	10	7½
Titanium dioxide ... ..	20	15
Essential oils, the following: Vetivert (cuscus). Ylang-ylang.	10	Free.
Sanitary napkins of cellulose wadding ... ..	20 or 10	10

## TRADE MARKS

From the "Trade Marks Journal," June 20

*For all goods excluding medicated wine* (5).  
PRUVAGOL, 697,375, by Camden Chemical Co., Ltd., London, W.C.1.

*For pharmaceutical preparations and substances* (5).

REPLENOD, 697,902, by Colrex, Ltd., Brighton.

*For pharmaceutical and sanitary substances and disinfectants* (5).

DEOPHYL, 697,929, by Thornton & Ross, Ltd., Huddersfield.

*For deodorant preparations containing chlorophyll in tablet form* (5).

OZOPHYL, 697,939, by Wigglesworth, Ltd., Westhoughton.

*For razor blades* (8).

DEVCO, 696,926, by Devchand Khimchand & Co., Nairobi.

*For scientific and photographic apparatus and instruments* (9).

BOUND BROOK BEARINGS (G.B.), LTD., and device of antelope, 691,948, by Bound Brook Bearings (G.B.), Ltd., Lichfield.

From the "Trade Marks Journal," June 27

*For industrial chemicals* (1).

CALAROC, 698,195, by Imperial Chemical Industries, Ltd., London, S.W.1.

*For soaps and detergents* (3).

SECON, 697,914, by N.C.K. Products, Ltd., London, W.C.2.

*For non-medicated hand creams* (3).

MELAMONDE, 697,980, by Allen & Neale (Chemists), Ltd., King's Lynn.

*For soapless shampoos* (3).

EVE, 697,686, by Joseph Watson & Sons, Ltd., Leeds.

*For detergents* (3).

OVERSEER, 698,068, by Boots Pure Drug Co., Ltd., Nottingham.

*For medicinal and pharmaceutical chemical substances* (5).

EUCERIN, 643,641, by Herts Pharmaceuticals, Ltd., Welwyn Garden City.

*For sanitary tampons* (5).

MEDS, B684,961, by Johnson & Johnson (Gt. Britain), Ltd., Slough.

*For pharmaceutical preparations of vitamins for addition to foodstuffs* (5).

ROVIPAN, 688,541, by Roche Products, Ltd., Welwyn Garden City.

*For liquid pharmaceutical preparations containing vitamin B<sub>1</sub>* (5).

BENEURONE, 688,604, by Harker Staggs, Ltd., London, E.1.

*For all goods* (5).

TRIPS, B697,020, by Boots Pure Drug Co., Ltd., Nottingham. ROMOLDIN, 697,888, by Société Modunal, Paris. AVCHET, 698,408, by Imperial Chemicals (Pharmaceuticals), Ltd., London, S.W.1. TROMNIL, 698,357, by Benger Laboratories, Ltd., Ipswich.

## PRINT AND PUBLICITY

**Surveys of Medical Literature.**—British Schering, Ltd., 229 Kensington High Street, London, W.8, have issued "Surveys of Literature," Nos. 79-88.

**Storage of Ethylene Oxide.**—A thirteen-page illustrated booklet on the handling and storage of ethylene oxide has been issued by Petrochemicals, Ltd., 170 Piccadilly, London, W.1.

**Data Sheets.**—Data sheets issued recently by Croda, Ltd., Snaith, Goole, Yorks, include working formulas for Eosols (dyestuff solvents for the pharmaceutical and cosmetic industries) and Cithrol brand polyethylene glycol monostearates (emulsifying agents).

**Russian Technical Book Lists.**—The Department of Scientific and Industrial Research, Charles House, 5-11 Regent Street, London, S.W.1, is publishing in its publication "Translated Contents Lists of Russian Periodicals," lists of Russian scientific books, monographs, etc., received by the British Museum.

**Medical Films.**—Imperial Chemical Industries, Ltd., 61 Curzon Street, London, W.1, announce the following additions to their film library.—"The Lymphatic System" (16-mm. in colour; running time about 45 min.); "Functions of Carotid Sinus and Aortic Nerve" (16-mm. in colour; running time, 38 min.).

**Guide to B.P. Addendum 1951.**—The British Drug Houses, Ltd., Graham Street, London, N.1, have issued a twenty-page booklet "The B.D.H. Guide to the Addendum 1951 to the B.P. 1948." A limited number of copies are available for distribution to pharmacists, medical men and those scientific workers who may have occasion to refer to the B.P. A few copies of the original B.D.H. Guide to the B.P., 1948, are also available.

**Therapeutic Index and Price Lists.**—Copies of "Chibret Therapeutic Index and Price List" (32 pp.) can be obtained from COATES & COOPER, LTD., West Drayton, Middlesex. — ROCHE PRODUCTS, LTD., Welwyn Garden City, Herts: "1951 Price List" (15 pp.) has been circulated to chemists.—THOMAS KERFOOT & CO., LTD., Vale of Bardsley, Ashton-under-Lyne, have published a list of injection solutions (6 pp.).

**Story of Allergy.**—A twenty-seven-page article entitled "From Histamine to Histanin" is contained in the first number of a new series of "Tabloid Memoranda" published by Burroughs Wellcome & Co., 183 Euston Road, London, N.W.1. The article discusses the development of the pharmacology of histamine from the time of the compound's isolation in 1910 by Sir Henry Dale and colleagues and reviews the recent antihistamine group of drugs. A new feature in the Memorandum is to be the inclusion of reproductions from one or more of the classical medical works. The current issue concerns Girolamo Fracastoro, 1478-1553 (often referred to as "the fore-runner of Koch and Pasteur"). It is suggested that the confirmed bibliophile may like to keep the series intact and so provide a reference collection of illustrations from original sources. Six numbers of "Tabloid Memoranda" are promised annually.



# From hand to mouth...

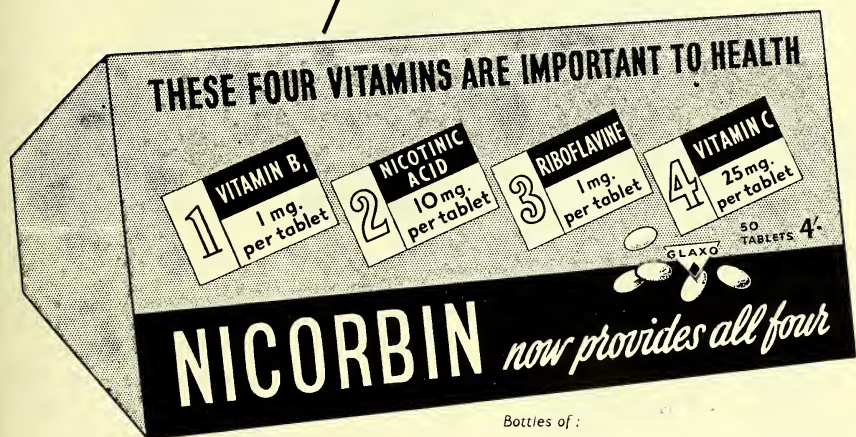
The water-soluble vitamins—those of the B complex and ascorbic acid—are not stored to any great extent in the body, which therefore has to have regular daily supplies to meet current needs. And so it is easy for a deficiency to arise, often showing itself in disorders of the digestion and skin.

Just as easily, the condition can be corrected by a daily intake of Nicorbin Tablets, which contain the major factors of the vitamin B complex, with added vitamin C.

Back your recommendation of

## NICORBIN

with this 3-colour counter card,  
packed with Parcel No. 1



Bottles of:

50, 4/-; trade price per doz. 26/- 500, 32/-; trade price per doz. 288/-  
Nicorbin Parcel No. 1, 1 doz. x 50's bottles, 32/-

GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX BYRON 3434





Be wise  
— sell  
*Wisdom*<sup>REGD.</sup>



BECAUSE . . . Addis' new campaign for Wisdom toothbrushes is going to hit the public right in the eye — make them more Wisdom conscious than ever. Because Wisdom is the most profitable toothbrush for you—it sells better and quicker. Because your customers can take their pick of Nylon (Round-ended) at 1/11d., and Natural Bristle at 2/9d. . . be wise and sell Wisdom.

THE QUICKEST SELLING TOOTHBRUSH

MADE BY ADDIS LTD., OF HERTFORD



# Malagride

TRADE MARK

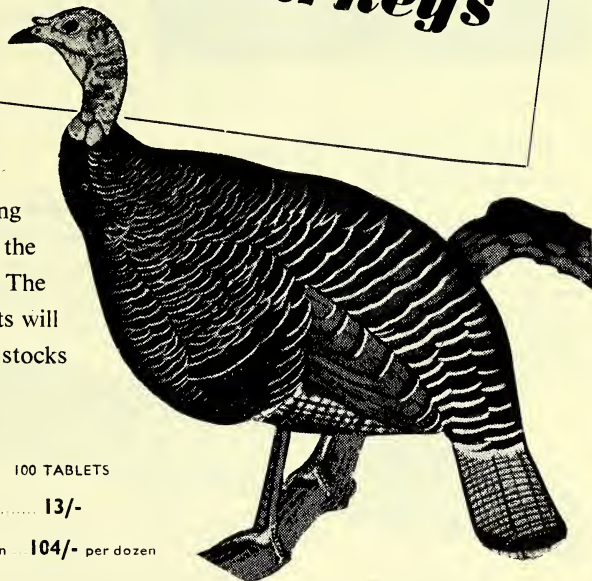
## EVANS

# ACETARSOL TABLETS

FOR

## *Blackhead in turkeys*

National advertising reaching poultry farmers throughout the country is now appearing. The demand for Malagride Tablets will be greatly increased and stocks should be replenished now.


**PRICES:**

25 TABLETS

100 TABLETS

RETAIL ..... 3/9 ..... 13/-

WHOLESALE ..... 30/- per dozen ..... 104/- per dozen

Made in England by

383

**EVANS MEDICAL SUPPLIES LTD**
**LIVERPOOL AND LONDON**

ESTABLISHED 1878

*Labels -  
Cartons -  
Envelopes -*

**& EVERY DESCRIPTION  
OF MEDICAL PRINTING**

**ALF. HARRISON & SONS** LTD.  
*Chemists' Printers*  
**BURLEY ROAD, LEEDS, 4.**

TELEPHONE - LEEDS 57688-9 TELEGRAMS - IDEAS LEEDS

# Cephos sells!

backed by forceful and continuous  
advertising

## ★ SPOT NEWS

Retail Prices—8 Powders  
or 16 Tablets, 1/8d. - 21  
Powders or 42 Tablets  
3/11d. - 110 Doses, Pow-  
ders or Tablets, 20/-  
2 doses for 5½d.

**In Tablet  
or Powder  
form**

Trade enquiries  
to:

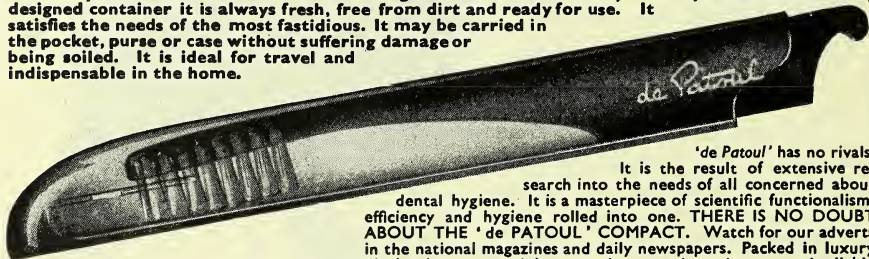
**Cephos Ltd  
Blackburn**



QTI

## IT'S HERE! - Get the new Toothbrush Compact *de Patoul*

and be sure . . . Sure of what? That you stock a toothbrush which is new and 100% hygienic. The new Compact by 'de Patoul' is more than a brush, it is for you a safe financial investment!! and for your customer a safe investment against disease and decay. Complete in scientifically designed container it is always fresh, free from dirt and ready for use. It satisfies the needs of the most fastidious. It may be carried in the pocket, purse or case without suffering damage or being soiled. It is ideal for travel and indispensable in the home.



*de Patoul* "100"  
HAS NO RIVALS

'de Patoul' has no rivals. It is the result of extensive research into the needs of all concerned about dental hygiene. It is a masterpiece of scientific functionalism, efficiency and hygiene rolled into one. THERE IS NO DOUBT ABOUT THE 'de PATOUL' COMPACT. Watch for our adverts in the national magazines and daily newspapers. Packed in luxury display boxes containing two dozen each, order now. Available in six transparent shades. Retail price 2/6d. Wholesale price 20/- per dozen. Your profit 10/- per dozen. Also available pure bristle.

Manufactured and distributed by  
**ROCKWELL COMPANY LTD**  
Aycliffe Trading Estate, Darlington.  
Telephone: Aycliffe 2272



# INDEX TO ADVERTISERS

Addis, Ltd. ....	2	Dales Tablet Makers, Ltd. ....	v
Allen, Stafford, & Sons, Ltd. ....	19	Dalmás, Ltd. ....	28
Allied Drug & Chemical Co., Ltd. ....	vii	Daniel, Richard, & Son, Ltd. ....	13
Altra, Ltd. ....	Leader Page	Dunn Brothers Succrs., Ltd. ....	ii
Aspro, Ltd. ....	xvii	Edme, Ltd. ....	xxiv
Bailey, R., & Co., Ltd. ....	vi	Evans Medical Supplies, Ltd. ....	3
Baillache, B., & Co., Ltd. ....	vii	Evan Williams Co., Ltd. ....	24
Biorex Laboratories, Ltd. ....	26	Fennings, A. ....	15
Blyton, Astley & Co., Ltd. ....	Leader Page	Ferris & Co., Ltd. ....	26
Boehm, Fredk., & Co., Ltd. ....	6	Fluid Equipment Co., Ltd. ....	xx
British Drug Houses, Ltd., The ....	i	Franco-British Glass Co., Ltd. ....	v
British Dyewood Co., Ltd., The ....	v	Franks, A., & Bartlett Co., Ltd. ....	xi
British Industries Fair ....	xxvi	Freudentheil, Smith & Co. ....	Leader Page
British Schering, Ltd. ....	5	Gale, Baiss & Co., Ltd. ....	ii
British Vacuum Flask Co., Ltd. ....	iv	Gale & Mount, Ltd. ....	xxii
Burrough, James, Ltd. ....	Leader Page	Glaxo Laboratories, Ltd. ....	1
Burroughs Wellcome & Co. ....	29	Gould, N. & M., Ltd. ....	xiii
Canisters, Ltd. ....	v	Goya ....	26
Cannon Rubber Manufacturers, Ltd. ....	vi	Greeff, R. W., & Co., Ltd. ....	20
Carnegie Chemicals (Welwyn), Ltd. ....	Cover iii	Greyy, Brecheisen & Co., Ltd. ....	iii
Castle Huskisson, Ltd. ....	Cover iv	Hamburger, M., & Sons ....	Leader Page
Cephos, Ltd. ....	4	Hardy, M. W., & Co., Ltd. ....	ix
Ciba Laboratories, Ltd. ....	Cover ii	Harris, D., & Co., Ltd. ....	30
Container Recovery Service ....	xii	Harris, Hart & Co., Ltd. ....	iii
Cooper Laboratory, Ltd. ....	vii	Harrison, A., & Sons, Ltd. ....	4
Corn Products Co., Ltd. ....	xxviii	Hathway, J., & Sons (Bermondsey), Ltd. ....	Leader Page
Cox, Arthur H., & Co., Ltd. ....	21	Herts Pharmaceuticals, Ltd. ....	7, xxvii
Crosskills of Norwich ....	xviii		
Cupal, Ltd. ....	24		
Cuticura Preparations ....	xix		

(continued overleaf)

**STABLE · STERILE · NON-IRRITANT**

*active against a very wide range of  
organisms causing ocular infections*

## 'ALBUCID' SOLUBLE

(Sulphacetamide Sodium B.P.)

**THE FIRST NAME IN OCULAR THERAPEUTICS**

'ALBUCID' Soluble Eye Preparations are known and  
trusted wherever eye injuries and infections are treated.

### EYE DROPS

10%, 20% and 30% in sealed,  
sterile  $\frac{1}{2}$  oz. bottles with pipettes.



### EYE OINTMENT

2½%, 6% and 10% in tubes of  
60 grains and 25 Gm.

made in England by

**BRITISH SCHERING LIMITED**

229/231 Kensington High Street, London, W.8

Telephone: WEStern 8111

*Literature and samples gladly supplied on request*

**INDEX (Contd.)**

Jaffajuce, Ltd. ....	xxiv	Rankin Bros., & Sons .....Leader Page	
Kellys, John (London), Ltd. ....	xvi	Renny, Milford, Surrey ..... vii	
Kemball, Bishop & Co., Ltd. ....	17	Ritchie, George B., & Co. .... xx	
Kemsales, Ltd. ....	xiv	Rockwell Co., Ltd. .... 4	
Kent, G. B., & Sons, Ltd. ....	8	Ronaldson, J., & Co., Ltd. ....Leader Page	
Kerfoot, Thomas & Co., Ltd. ....	30	Rose, J. L., & Co., Ltd. .... v	
Lanalol, Ltd. ....	14	Sandoz Products, Ltd. ....xxiii	
Lastonet Products, Ltd. ....	iv	Schutze, F., & Co., Ltd. .... v	
Macdonald & Son, Ltd. ....	16	Scott & Turner, Ltd. .... ii	
Macleans, Ltd. ....	12	Simpkin, A. L., & Co., Ltd. .... xx	
Manesty Machines, Ltd. ....	27	Societe Misr. Pour l'Industrie Pharmaceutique 9	
Manser, Henry, Ltd. ....Leader Page		Sturge, John & E., Ltd. .... xxi	
Markwell Edwards & Co. ....Leader Page		Surgical Hosiery Co., Ltd. .... vi	
Matthews & Wilson, Ltd. ....xviii		Taylor, Edward, Ltd. .... xxv	
Menley & James, Ltd. .... 11		Tell Products, Ltd. ....Col. Supp.	
Metropolitan Chemicals, (London), Ltd. .... 14		Tunnel Glucose Refineries .... xxi	
Middleton & Co., Ltd. .... xiv		United Glass Bottle Manufacturers, Ltd. .... x	
Moseley, David & Sons, Ltd. .... xvi		Velvet Crepe Paper Co., Ltd. .... 25	
Neville Brown & Co., Ltd. .... xv		Vitamins, Ltd. .... xiv	
Optical Products, Ltd. .... 23		Waide, Thos., & Sons, Ltd. .... 13	
Orridge & Co., Ltd. ....Col. Supp.		Wallis, Laboratory, Ltd., The ....Leader Page	
Panda Film Co. .... 22		Warner, W. R., & Co., Ltd. ....xviii	
Pharmaceutical Laboratories Geigy, Ltd. .... iii		Whiffen & Sons, Ltd. .... viii	
Pharmaceutical Specialities (May & Baker), Ltd. ....Front Cover		Whiffen & Sons, Ltd. (Cardophylin) .... xxii	
Quant's Witch Hazel .... 10		Whitakers & Co. (Kendal), Ltd. .... xvi	
		Williams, Charles & Co. .... iv	
		Wood Bros. Glass Co., Ltd. .... 18	
		Zeal, G. H., Ltd. ....Cover iv	

# CHLOROPHYLL

**WATER SOLUBLE FOR MEDICINAL USE IN PASTE  
OR POWDER FORM—Non-toxic**

**for the manufacture of Anti-deodorant Tablets, Ointments  
for the treatment of Wounds, Ulcers, Burns, etc., and  
for Dental purposes.**

We guarantee the correct strengths of Chlorophyllin in the following:—  
8% Paste - - - 12% Paste - - - 16% Powder

Oil and Spirit soluble any colour strength please apply for samples  
and further information

**BULK SUPPLIES ONLY for manufacturers**

Produced by

BRITISH CHLOROPHYLL CO., LTD., NAVENBY, Lincs.

Sole Distributor:— **FREDK BOEHM, LTD.** 19 BENTINCK STREET, LONDON, W.1.  
Phone: WELBECK 7933 Grams: BISSULA, WESDO, LONDON



## THE CHEMOTHERAPY OF TUBERCULOSIS WITH P.A.S.

**'PASHETS'**

THE SHORT NAME FOR 'PARAMISAN' CACHETS

**increasingly prescribed  
for domiciliary treatment**

The introduction of 'PARAMISAN' in the form of CACHETS has been welcomed, particularly with the growing use of this drug for treatment at home. Here are some of the reasons:—

**IDEAL FOR DOMICILIARY TREATMENT** 'PASHETS' are easy to dispense, convenient to carry, accurate and simple to take.

**ABSOLUTE FRESHNESS** 'PASHETS' bring the drug fresh to the patient.

**CERTAIN LIBERATION** 'PASHETS' disintegrate quickly when swallowed, thus ensuring rapid and certain liberation of the drug.

**ACCEPTABLE TO PATIENT** 'PASHETS' are surprisingly easy to swallow, leave no unpleasant taste and mean less "swallows" per day. These advantages maintain the co-operation of the patient, make for quicker recovery and rehabilitation.

Increasing domiciliary use of P.A.S. in this form means more E.C.10's to meet, so look to your stock of 'PASHETS' — undoubtedly the efficient way to prescribe and dispense P.A.S.

**'PARAMISAN'****'PASHETS'**

CACHETS CONTAINING 1.5g. SODIUM para-AMINOSALICYLATE

MOISTURE-PROOF WRAPS OF 10 IN CONTAINERS OF 100 AND 500 'PASHETS'



'PASHETS' &amp; 'PARAMISAN' are the Trade Marks of

HERTS PHARMACEUTICALS LTD., WELWYN GARDEN CITY, HERTS.



By Appointment  
G. B. KENT & SONS LTD.  
Brushmakers

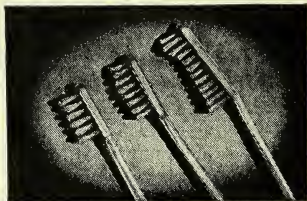
# Important Notice FESTIVAL of BRITAIN

**2/3rds** approximately of all Toilet and Toothbrushes sent by the numerous brushmakers in the United Kingdom, Belgium, France, Italy and other countries, to the U.S.A. are supplied by ONE Company, G. B. Kent & Sons Ltd. (Kent of London.)

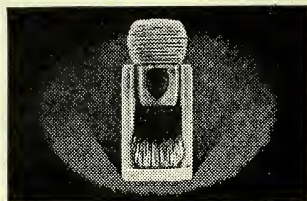
**Remarkable?** Not at all! The American public appreciate Kent Quality and Kent Craftsmanship and, despite the higher retail prices of Kent Brushes over American Brushes, due to import duties, shipping charges, etc., they are pleased to pay a higher price to get what they want.



**Festival Year** is bringing many thousands more Americans to Britain and experience has proved that American tourists in many cases spend only a few days in London, and then visit various parts of the British Isles. Retailers throughout the country who stock and give good window displays of Kent Brushes will reap the benefit of the extra tourist trade.



**Americans** are generous buyers and take home many gifts and mementoes of their trip to Britain. They usually prefer to buy a product they know about, and the U.S.A. certainly knows about Kent Brushes. In their new modern packs Kent Brushes make the ideal gift.



**G. B. KENT & SONS LTD.**  
24 OLD BOND STREET, LONDON, W.1

Telephone : REGent 1471-2-3

Telegrams : Tricho Piccy London



**PURE KHELLIN**  
**and**  
**RAW KHELLIN**  
**of standard quality**

(2-methyl-5, 8-dimethoxy furano-chromone)

*The active principle obtained from  
the seeds of the Eastern plant  
Ammi Visnaga (LINN)*

---

Enquiries and Orders invited  
Samples on request

**Societe Misr Pour L'Industrie Pharmaceutique S.A.E.**

**MIDAN FAROUK, ABBASSIA**  
**CAIRO**  
EGYPT

# Quant's witch hazel—

## THE QUANTITY SELLER FOR HOLIDAY HAZARDS

**I**NSECT bites, bruises, sunburn, greasy pores—Quant's Witch Hazel is the ideal family stand-by for these and other holiday hazards. With everybody on holiday in July, August and September the demand will be great. Stock up NOW and sell Quant's Witch Hazel to *your* share of the 18,000,000 holiday makers!



Trade 13/8d per doz.  
Retail 2/1d per bot.  
inc. Purchase Tax.

# Quant's WITCH HAZEL

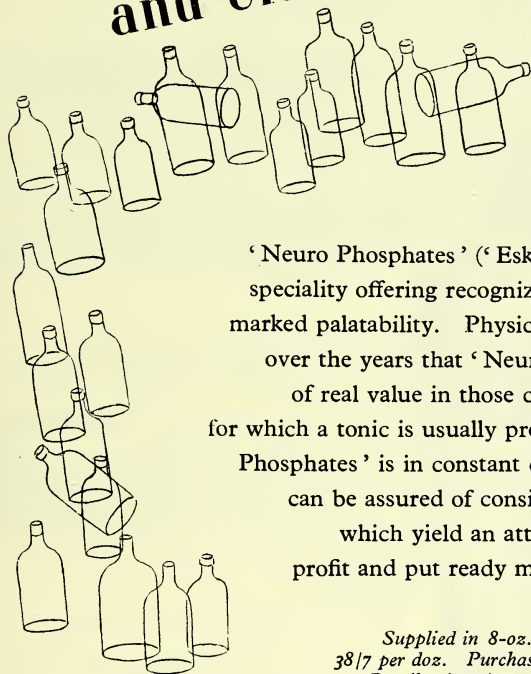
Prepared in England by a special distillation process from Hamamelis Virginiana leaves (containing 2% added boric acid).

MANUFACTURED BY PERIVALE LABORATORIES LTD.

*Attractive Showcard, as illustrated, from the distributors :—*  
KELDON LTD., WADSWORTH ROAD, PERIVALE, MIDDLESEX.



# A palatable and effective tonic



'Neuro Phosphates' ('Eskay') is an ethical speciality offering recognized efficiency and marked palatability. Physicians have proved over the years that 'Neuro Phosphates' is of real value in those clinical symptoms for which a tonic is usually prescribed. 'Neuro Phosphates' is in constant demand, and you can be assured of consistent repeat sales which yield an attractive margin of profit and put ready money in your till.

*Supplied in 8-oz. bottles. Trade price 38/7 per doz. Purchase Tax 12/11 per doz. Retail price 5/4½ each. Dispensing pack 80-oz. 30/- Tax free.*

## 'NEURO PHOSPHATES'

(*'Eskay'*)

**MENLEY & JAMES, LIMITED, 123 COLDHARBOUR LANE, LONDON, S.E.5**

*for Smith Kline & French International Co., owner of the trade marks 'Neuro Phosphates' and 'Eskay'*

# KNOWN, APPROVED and RECOMMENDED



Macleans Hydrogen Peroxide is an all-rounder. It fills a host of needs and no medicine cupboard should be without it. Every one of your customers should have a bottle in the house for such varied jobs as gargling, first aid and bleaching.

Bottles 4 fluid ozs. (10 or 20 vols)  
& 8 fluid ozs. (20 vols)



Richard Daniel & Son LTD

PROPRIETARIES  
SUNDRIES DRUGS  
TABLETS & PILLS

**FOR  
CHEMISTS**

Manufacturing  
Chemists

Head Office & Works Mansfield Road Derby Telephone 4266 (4 lines) Branch Warehouse Grosvenor St. Ashton <sup>LYNNE</sup> Telephone 2816 (2 lines)

## **LABELS for HOSPITALS**

*Send for Catalogue*

SCOTTON BANKS SANATORIUM  
PHARMACEUTICAL DEPARTMENT  
STERILE SOLUTIONS

COUNTY HOSPITAL, YORK

Wandsworth  
Hospital Group  
St. James' Hospital

---

One tablet to be taken  
at night

Tablets should be kept out of the reach of children.

*The Tea*  
One TEA spoonful to be  
taken three times a day

WARD: \_\_\_\_\_  
ON OF PENICILLIN

**PENICILLIN**  
DOSE: \_\_\_\_\_ 1000 UNITS PER MIL.  
MILS. BY INTRAMUSCULAR  
INJECTION.  
STORE BELOW 50. FAMD  
USE BEFORE: \_\_\_\_\_

**STERILE BOTTLE**

**NAME**

WARD

Pathological Laboratory  
SARASWATI HOSPITAL  
SOU

MEMORIAL HOSPITAL  
RADIOLOGICAL DEPARTMENT  
REPORT

STOR  
USE BEFOR

THE MOUTH WASH

GLYCER. THYMOL

WARD

PHARMACEUTICAL DEPARTMENT  
L GWENT HOSPITAL

cc.  
**PENICILLIN INJECTION B.P.**  
60,000 units per c.c.

**WICILLIN IV**  
60,000 units per 10 ml.  
FOR INTRAMUSCULAR INJECTION  
CONTAINS A BACTERIOSTATIC  
HEXHAM GENERAL HOSPITAL

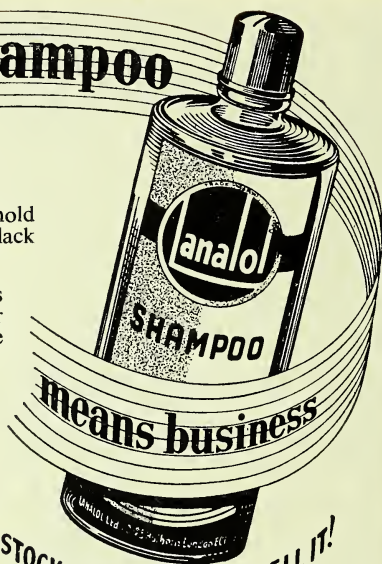
**THOMAS WAIDE & SONS LTD., LEEDS**

# This famous shampoo

Lanalol Liquid Soap Shampoo was a household word until we stopped manufacturing it for lack of the pure raw materials.

But we are now able to make it again in its genuine pre-war quality, and are using regular advertisements in the national Press to tell the public that it is back.

Consult our representative or write for detailed information regarding the stocking and displaying of Lanalol Shampoo.



## Lanalol PURE LIQUID SOAP shampoo

Just one of the famous Lanalol Hair Preparations

*Sole Distributors:*

FASSETT & JOHNSON LTD., 86 Clerkenwell Rd., London, E.C.1 Tel: CLE. 2336

# QUICK SELLING NATIONALLY ADVERTISED SUMMER LINE

FLYOL contains Pyrethrum and D.D.T., giving quick knock-down action and lasting effect against house flies. FLYOL has no unpleasant odour. FLYOL sells on sight at 1/3 per large bottle. FLYOL advertising in National Women's magazines ensures continuous demand throughout Summer months. **ORDER NOW and DISPLAY for QUICK PROFIT**



Manufactured by:—  
**METROPOLITAN CHEMICALS  
(LONDON) LTD.**  
Fubex Works,  
Sittingbourne, Kent.  
Phone: Sittingbourne 851



# A strong and steady demand

Continuous press advertising in the National, Provincial and Periodical Press creates and maintains the demand for Fennings' Home remedies, famous throughout the home market for over 90 years. For a steady turnover and good profits, ensure that you have always sufficient supplies in stock.



## FENNINGS' SULPHUR POWDERS

Retail at 1/6 and 3/6

## FENNINGS' OINTMENT

Retails at 1/3

## FENNINGS' INDIGESTION TABLETS

Retail at 1/- and 2/6

## FENNINGS' RHEUMATIC TABLETS

Retail at 2/6

## FENNINGS' FEVER MIXTURE

Retails at 1/9 per bottle

## FENNINGS' CHILDREN'S COOLING

POWDERS Retail at 1/9 and 4/3

## FENNINGS' ADULT COOLING POWDERS

Retail at 1/9 and 4/3

## FENNINGS' LITTLE HEALERS

Retail at 8d., 1/9 and 4/-

## FENNINGS' WHOOPING COUGH

MIXTURE Retails at 1/9 per bottle

Sales Promotion  
material sent gladly  
on request.

# Fennings'

HOME REMEDIES

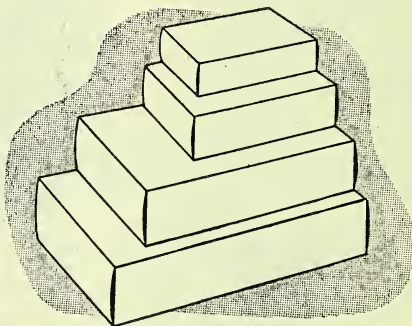
ALFRED FENNINGS, HORSHAM, SUSSEX



## PLAIN PILL CARTONS

*In Four Different  
Sizes*

**A GOOD REASONABLY-  
PRICED LINE FOR  
YOUR DISPENSING**



Plain pill and tablet cartons  
in good quality manilla board

	25s	50s	100s
Per 1,000	18/-	21/-	27/-

Extra large carton for bigger tablets : - - - Per 1,000 30/-

## TAX-FREE WRAPPING PAPERS

**SWEDISH COLOURED SULPHITE** Green, Mauve, Grey

Oz. ....	1	2	3/4	8/10	12/16	20" x 30"
Ream.....	2/3	2/9	4/6	6/9	10/-	37/6

**SWEDISH BROWN KRAFT** — — 33/-

**GLAZED IMITATION PARCHMENT** 8/9 12/3 —

**COLOURED TISSUE**

Violet, Blue, Light Green, Dark  
Green, Rose and Orange .....

Size	Ream
19½" x 29½"	21/9
9½" x 9½"	4/-

**SWEDISH WHITE SULPHITE** ..... 14" x 19" 18/-

**BEST WHITE DISPENSING** ..... 17½" x 22½" 34/6

## MACDONALD & SON LTD.

HOPE MILLS, POLLARD STREET, MANCHESTER. 4 Ardwick 1561-2



CALCIUM GLUCONATE  
CITRIC ACID  
CREAM OF TARTAR  
ITACONIC ACID  
ROCHELLE SALTS  
TARTARIC ACID  
LITHIUM SALTS

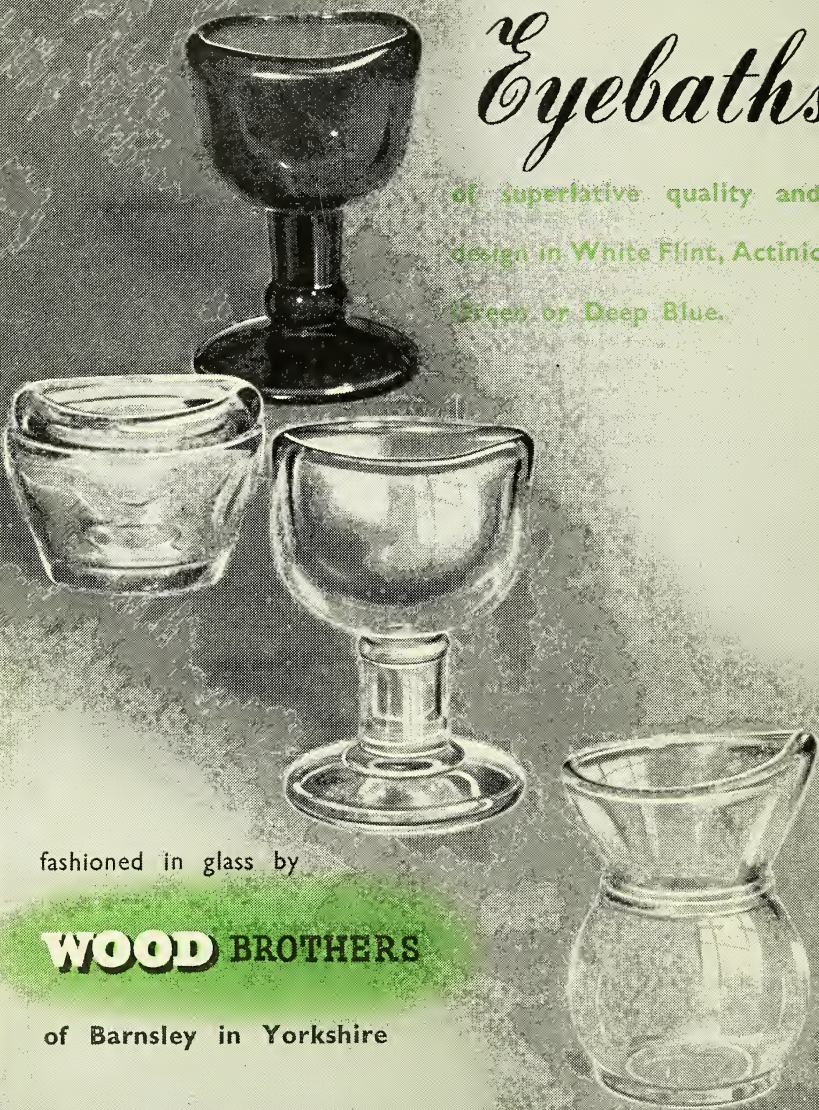
•

*Est. 1870*

***Kemball, Bishop***  
*& Company Limited*

Crown Chemical Works, Three Mill Lane, Bromley-by-Bow, London, E.3.  
Telegraphic Address: KEMBALL, LONDON • Telephone: ADVANCE 1234 (7 LINES)





# *Eyebaths*

of superlative quality and  
design in White Flint, Actinic  
Green or Deep Blue.

fashioned in glass by

**WOOD BROTHERS**

of Barnsley in Yorkshire

Makers of fine glassware since the year 1828



# StaffAllens

Founded 1888

## POWDERED GUMS

•  
TRAGACANTH  
KARAYA  
ACACIA  
•

As leading millers of natural gums for well over a century, we are an authority on the application of the various grades to many different trade requirements.



*Why not approach us for samples and advice on all questions of*

**MUCILAGE  
EMULSIFICATION  
SUSPENSION**

**STAFFORD ALLEN & SONS LTD., Wharf Rd., London, N.I. CL**Erkenwell 1000 (7 lines)

TAS/AL 342  
C



**AMINOPHYLLINE**

**ASPIRIN**

**BROMIDES**

**BEECHWOOD CREOSOTE**

**CHLORAL HYDRATE**

**PHENAZONE 'RHODIA' BRAND**

**POTASSIUM BROMATE**

**QUININE SALTS 'AMSTERDAM'  
& 'MAARSSSEN' BRAND**

**SPOT DELIVERY OR ON CONTRACT**

**R. W. GREEFF & Co., Ltd.**

**12 FINSBURY CIRCUS, LONDON, E.C.2**

Telegrams: GREEFF AVE LONDON.

Telephone: LONDON WALL 5247





An organisation backed  
**by 112 YEARS** of  
manufacturing experience!

SCIENTIFIC PRODUCTION OF  
**PILLS and TABLETS**

BULK OR PACKED · STANDARD STOCK OR SPECIAL FORMULÆ  
COATED OR UNCOATED · ANY SHAPE · GROSSES OR MILLIONS

PASTILLES · SOLVELLÆ · CAPSULES  
SUPPOSITORIES · PHARMACEUTICALS  
OINTMENTS · PACKED SPECIALITIES

**Chemists'  
OWN PACK!**

A scheme of Packaging to  
advertise the Pharmacy that  
**COSTS NOTHING** to adopt

MAY WE SEND YOU DETAILS ?



**BRIGHTON 7 · SUSSEX · ENGLAND**

**MANUFACTURING CHEMISTS SINCE 1839**

# PANDA FILMS SPECIAL FEATURES

ORTHO OR PAN AS DESIRED EXCEPT 29s WHICH ARE (PAN) ONLY, BUT IN UNLIMITED SUPPLIES.

## SPECIAL OFFER OF 27s (PAN)

(See price list below)

ALL POPULAR SIZES AVAILABLE

ALL 8 EXPOSURES, EXCEPT 29s WHICH ARE 6 EXPOSURES

ALL DELIVERIES MADE ON BASIS OF 50% PAN AND 50% ORTHO UNLESS OTHERWISE REQUESTED



ALL PANDA  
FILMS  
ARE FULLY  
GUARANTEED

NEW PRICES  
SHOW MORE  
PROFIT  
FOR THE  
RETAILER

## NEW SUMMER PRICE LIST

Less 10% Discount for Cash With Order from Wholesale Prices, Not Purchase Tax

Size	Wholesale Price	Purchase Tax	Retail Price (Inc. Tax)
27 (PAN)	15/- per doz.	9/- per doz.	2/8 each
27 (ORTHO)	16/6 "	9/10 "	2/8 "
29	17/6 "	10/6 "	2/10 "
20	18/6 "	11/1 "	3/- "
62	18/6 "	11/1 "	3/- "
16	25/6 "	16/- "	3/11 "
S.16	25/6 "	16/- "	3/11 "

SPECIAL TERMS TO PHARMACEUTICAL WHOLESALERS AND TRADE D. & P. HOUSES

Terms: Monthly Nett, New Credit Customers welcomed, subject to usual 2 Trade & Bankers' References

Sole Distributors

# PANDA FILM CO

75 AVONDALE ROAD, BROMLEY, KENT

Tel.: RAV 6528



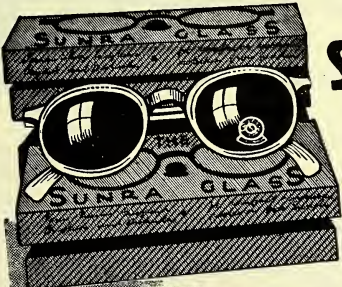
# Buying Sunglasses?

THIS 'COLD WAR' is an OLD 'WAR' . . . .

**A BATTLE AGAINST RISING PRICES!**

Stockpiling in America has resulted in an acute shortage of the raw materials necessary for the manufacture of Sunglasses; but although prices may tend to harden later in the Season, we are in the fortunate position of being able to continue last years' models and also to offer new styles with guaranteed 'Sales Appeal'.

Please ask your Wholesaler to show you our 1951 range; models retailing from as low as 1s. 0d. per pair.  
... Including SUNRA GLASS.



## SUNRA GLASS

AT LAST!

A moderately priced  
sunglass with the  
"expensive" look

RETAILS AT

**3s. 6d.**

(in two colour box)

Scientifically styled for men and women. Comfortable  
saddle bridge in two popular fittings.

Available in attractive colours: opaque, transparent and  
pearl, from your usual wholesaler. There are twelve  
other models of sunspecs from which to choose which  
retail from 1s. 0d.





### OPTICAL PRODUCTS LTD.

370-372 STATION ROAD, FOREST GATE,  
LONDON, E.8. — ENGLAND

Telephone: HAlford 1764 & 1550

LAST SEASONS' SUNGLASS SENSATION  
VALUE = SALES! SALES = PROFITS!

# SECTO *Sells on Sight*

**Repeats on Merit!**

Eye-catching displays of SECTO Extra Power D.D.T. will bring good business to you during the season. Order your stocks NOW of this fastest selling insecticide. **Backed-up by widespread seasonal Press Advertising.**



## SECTO EXTRA POWER. D.D.T.

CUPAL LTD., Manufacturing Chemists, BLACKBURN

**What's in a name?**

# *Evan Williams*

**Quite a lot . . .  
for you!**

The reputation behind this name guarantees a range of consistently selling lines which have the confidence of your customers and ensure a good margin of profit for you. **Show them and you'll sell them!**

**SHAMPOOS • TONING PACKS • BRILLANTINES • WAVE SET**



# VELVET LEAD AGAIN...

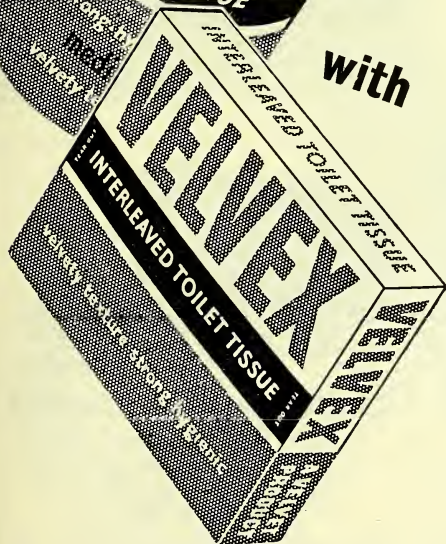


**VELVEX**  
fully wrapped  
& Medicated  
TOILET  
TISSUE ROLL

NOW  
**1/4 1/2** d.

with

## REDUCED PRICES!



**VELVEX**  
interleaved  
TOILET  
TISSUE  
PACK

**1/3**

# VELVET

CREPE PAPER Co. Ltd.

The Premier Producers of Paper Tissues

HANDKERCHIEF TISSUES • VELVEX Fully Wrapped TOILET TISSUES

Alperton Mills, Woodside End, Alperton, Wembley, Middlesex.

# NEW FRAGRANT ALL PURPOSE LOTION ... ideal for sunburn



# Rose Lotion by Goya

Now that summer's here, sell this fragrant lotion for the prevention or healing of sunburn. Rose Lotion contains a sunfilter, and used before sunbathing helps promote an even tan without burning. Used after exposure to the sun it will cool and soothe.

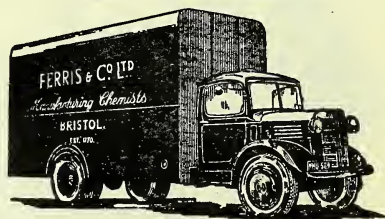
TRADE PRICE 18/2 per doz. RETAIL PRICE 3/9 each

GOYA • 161 NEW BOND STREET • LONDON • W1

We invite your enquiries and orders for  
**DRUGS, GALENICALS,  
 BROMIDES, CITRATES,  
 CHLORAL HYDRATE,  
 TABLETS,  
 SURGICAL DRESSINGS,  
 CHEMISTS' SUNDRIES,**  
 at competitive prices

**BIOREX**  
**LABORATORIES LTD.**  
 WHOLESALE AND MANUFACTURING CHEMISTS  
 51 EXMOUTH STREET, LONDON, E.C.1  
 Telephone: TERminus 9494 and 1431

*Post orders executed promptly  
 Daily delivery service in the  
 Greater London Area*



## REGULAR ROAD DELIVERIES

*In the West of England and  
 South Wales Areas*

*The House in the West for all  
 Chemists' Supplies*

Send us your orders for prompt and  
 careful attention.

**FERRIS & COMPANY LTD.**  
**BRISTOL**

Manufacturing and Wholesale  
 Chemists

Telephone:  
 BRISTOL 21381

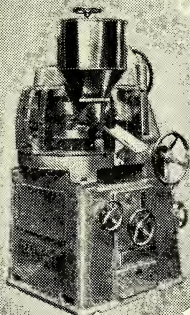
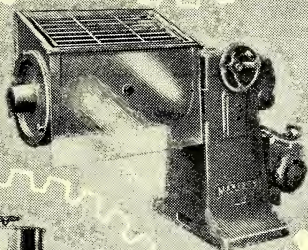
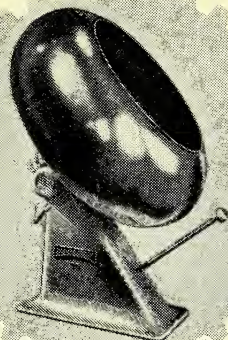
Telegrams:  
 FERRIS, BRISTOL



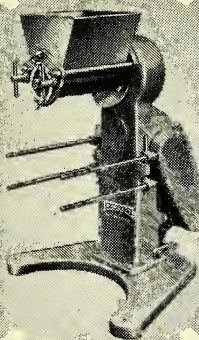
# MANESTY

## *Precision-built Machinery*

Leading tablet makers throughout the world have long recognised that the name MANESTY on tableting machinery is an insurance of all that can be desired in accuracy of construction and reliability of performance. Behind the name MANESTY there now lies the skill and experience of its associated company—John Holroyd & Co. Ltd., who for over 70 years have specialised in the production of machine tools and precision gearing—and who made rotary tablet machines more than 50 years ago.



- ① Coating Pan LCPi
- ② 'H' Stainless Steel Mixer
- ③ RS2 Rotary Tablet Machine
- ④ "Rotorgran" Oscillating Granulator



**MANESTY**  
MEANS PRECISION-BUILT

For details of Manesty Machines and Technical and Experimental Service write to:

**MANESTY MACHINES LTD**

DEPT. 5

SPEKE

LIVERPOOL 19

Telephone: Hunts Cross 1972    Telegrams: Manesty Liverpool

TABLET MACHINES • COATING PANS • GRANULATORS • MIXERS • AUTOMATIC WATER STILLS

# The **most advanced** type of first-aid dressing

**D**EVELOPMENTS in first-aid dressings have been rapid in recent years. The most advanced type, widely used by doctors, hospitals, and first-aid posts in factories, is Dalmas.

Dalmas dressings provide complete protection for cuts, grazes, and slight wounds. Dalmas dressings keep out water, dirt, grease, and acid. They allow free movement, and can even be worn while washing!

Dalmas stretches in every direction, and the edges stick tight, cannot fray or catch in clothes. It lessens risk of infection and promotes safe and easy healing. Skin-coloured, so that it hardly shows, Dalmas is the perfect first-aid dressing for everyone.

Supplied in blue-and-white counter sell-outs, containing two dozen 1/- boxes; price 8/6 a dozen with special quantity-discounts.



**DALMAS LTD.**  
**LEICESTER**

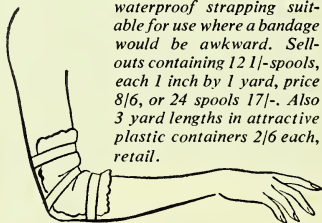
(Phone: Leicester 65261)

## OTHER

### DALMAS PRODUCTS

#### YOU WILL WANT TO STOCK:

**Dalmas Strapping.** A waterproof strapping suitable for use where a bandage would be awkward. Sell-outs containing 12 1/- spools, each 1 inch by 1 yard, price 8/6, or 24 spools 17/-. Also 3 yard lengths in attractive plastic containers 2/6 each, retail.



**Dalmas Vaccination Shields.** A new waterproof vaccination dressing, available in two sizes, the smaller being specially for babies and small children. Retail price 1/- for carton of two dressings, or, in the children's size, 1/- for four dressings.



**Dalmas Finger-Tip Dressings.** A new waterproof protection to stick over cracked, cut, or sore finger-tips. Boxes 8/6 per dozen, to retail at 1/- each.

**Dalmas Boil Plasters.** A new waterproof skin-coloured dressing to protect boils. Handy boxes, price 1/- retail.

**London Depot:** 140-142 St. John Street, E.C.1  
(Clerkenwell 3399)

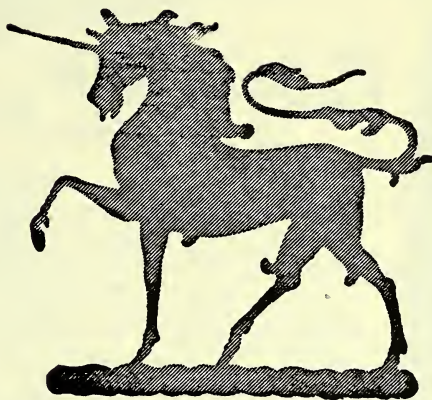
**Leeds Depot:** 14 Neville Street  
(Leeds 29764)

**Scottish Agents:**

Robert Telford, 29 Waterloo Street, Glasgow, C.2  
(Central 2716)



*The brand  
makes the  
distinction*



Pharmacists have learnt to tame the vegetable purgatives, known in other centuries for their vigour. They have combined very small doses of several, so that adequate laxative action is obtained without causing irritation. A gentle natural action and sustained intestinal tone are finally ensured by adding a mild antispasmodic and a carminative.

Such is the art which goes to make 'Tabloid' brand Laxative Vegetable.

Such is its reputation that many customers insist on 'Tabloid' brand.

**Each sugar-coated product contains :—**

Compound Extract of Colocynth, B.P. 1914 ... ..	gr. 1
Extract of Jalap ... ..	gr. 1/2
Podophyllum Resin ... ..	gr. 1/4
Green Extract of Hyoscyamus, B.P. 1898 ... ..	gr. 1/4
Menthol... ..	gr 1/20

**Retail Prices :**

Bottle of 25.....	1s. 4d. plus 4d. tax
Bottle of 100.....	3s. 9d. plus 11½d. tax

**'Tabloid'** Laxative Vegetable

(REVISED FORMULA)



**BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.), LONDON**

## Calcium in its most effective form

A granular preparation containing Calcium in association with Vitamin D to assist assimilation. Pleasant tasting and easily taken from a teaspoon or stirred in water, Caldecium has proved to be useful in the treatment of most forms of calcium deficiency.

Literature and sample on request

P.A.T.A. 3/8  
(inc. tax)

Trade 24/- doz.  
(plus  $\frac{1}{3}$ rd. tax)



Made in England by THOMAS KERFOOT & CO. LTD., Vale of Bardsley, Lancashire

## The new 'KLIX' puff pack & compact

H. 1400/V in Rose, Blue and Peach  
velour Puffs

**16/6 per doz.**

Packing : 3 dozen to a carton  
including one showcard  
36 dozen (12 cartons) to  
a shipping order.

The above price list is nett and  
includes delivery to London  
packers.

Also H. 1500/P

Assorted picture designs  
with mirror fitted in lid  
and white puff 24/- per dz.  
Retails at 5/- each. Inc. P.T.



Retails at **3/6** each  
(Including P.T.)

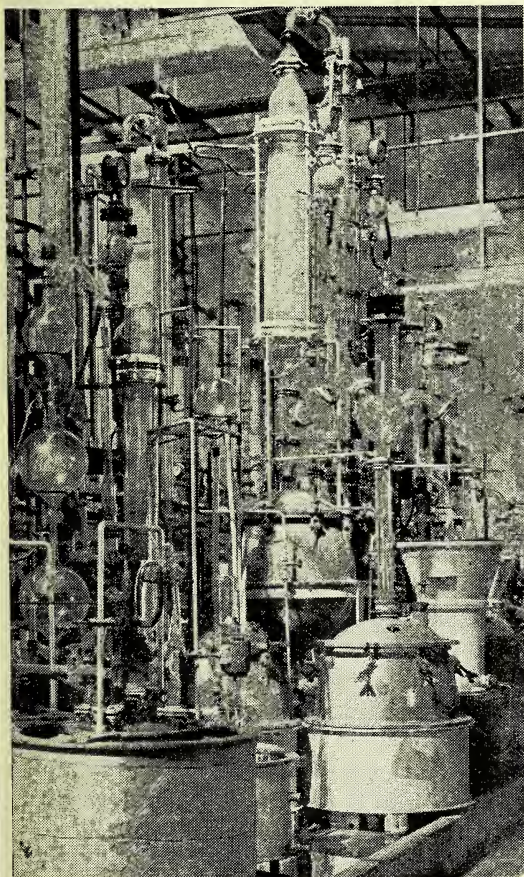
All enquiries to Sole Distributors :-

**D. HARRIS & CO. LTD. 73 Brewer Street, London, W.1**

Telephone : GERrard 7166



# B.D.H. IN THE FIELD OF ENDOCRINOLOGY



*Plant in a B.D.H. laboratory devoted to the preparation of sex hormones.*

The range of B.D.H. production includes all the sex hormone preparations of the B.P. 1948 and N.F. 1949.

## ANDROGENS

*Testosterone Propionate B.D.H.*

*Methyl-Testosterone B.D.H.*

## PROGESTOGENS

*Progestin B.D.H.*

*Ethisterone B.D.H.*

## ŒSTROGENS

*'Estigyn' Elixir*

*Ethinyl Œstradiol B.D.H.*  
*'Estigyn'*

*'Oestroform'*

*Œstradiol Monobenzoate B.P.*  
*Œstrone B.P.*

*Dienæstrol B.D.H.*

*Stilbæstrol B.D.H.*

*Hexæstrol B.D.H.*

## GONADOTROPHINS

*'Gonan'*

*'Serogan'*

Descriptive literature will be forwarded to pharmacists on request.

Please  
keep our  
cases . . .



we'll  
collect them!

It will help us greatly to maintain deliveries of Andrews Liver Salt if you will kindly put the empty delivery cases safely aside until our traveller can collect them. We allow 6d. each for cartons in good condition. **THANKS!**

**ANDREWS**

SCOTT & TURNER LTD.

ANDREWS HOUSE, NEWCASTLE-UPON-TYNE, 1

GT6/u/50

**GALE'S NUTRITIOUS TONIC**

**MORELIX**

(Regd.)

ESPECIALLY SUITABLE FOR  
CHILDREN  
AND DURING CONVALESCENCE

*Contains Liquid Malt,  
Vitamins A & D, Hypophosphites  
and Virginian Prune.*

DREADNOUGHT



BRAND

**GALE, BAISS & CO. LTD.,**  
274/276, ILDERTON ROAD, S.E.15

Ammonium Carbonate  
Chalk—Precipitated and Prepared  
Cresylic Acid  
Coal Tar Disinfectants  
Emulsifiers  
Magnesium Carbonate (Pond.)  
Synthetic Detergents  
Naphthaline  
Toluene, Xylene  
Zinc Oxide

**DUNN BROTHERS'**  
SUCCRS. LTD.  
1 BOOTH STREET, MANCHESTER  
*Established 75 years*





# BARBITURATES

BARBITONE B.P.  
BARBITONE SODIUM B.P.  
BUTOBARBITONE  
HEXOBARBITONE  
PHENOBARBITONE B.P.  
PHENOBARBITONE SODIUM B.P.  
CYCLOBARBITONE  
CYCLOBARBITONE CALCIUM

PHARMACEUTICAL LABORATORIES GEIGY LTD., MANCHESTER, 3

933-FC.11



**KATWIJK**

Producers of :

**CAFFEINE** AND SALTS

**CYCLOBARBITONE** (ACID & CALCIUM SALT)

**THEOBROMINE** AND SALTS

**PENTAMETHYLENETETRAZOL**

(Syn. LEPTAZOL B.P.)

**DIPHANTOINE** (DIPHENYLHYDANTOINE)

PURE, SODIUM AND CALCIUM

London Agents :

**GREYER, BRECHEISEN & CO., Ltd.**

BUSH LANE HOUSE, CANNON STREET,  
LONDON, E.C.4. Telephone: MAN 9030

Calcutta Agent :

H. D. NAG, 36 Beniatola Lane, CALCUTTA

N.V. SOCIETEIT VOOR  
CHEMISCHE INDUSTRIE

**"KATWIJK"**

KATWIJK - AAN - ZEE  
HOLLAND

*May we quote you for—*

**GLAUBER SALTS** B.P.

Pea Crystal and Feathery

**EPSOM SALTS** B.P.

Needle Crystals, Medium, Exsiccated

All grades conform to the 1948 B.P. Standard

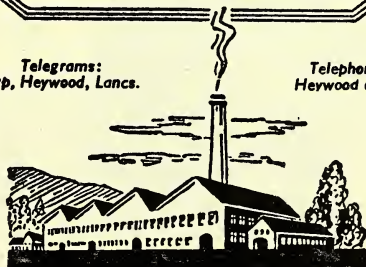
Special Crystals matched and any degree of exsiccation  
to order. Packed for Home and Export.

**HARRIS, HART & Co. Ltd.**

GREGGE STREET WORKS  
HEYWOOD, LANCs.

Telegrams:  
Harp, Heywood, Lancs.

Telephone:  
Heywood 6570



## The complete range for any size picnic



FOR TWO. SETS T42 TK



FOR FOUR. SETS T44, T44TK & T44BAS



FOR SIX. SETS T46, T46TK, Q46 & Q46U

B.V.F. now present an attractive series of PICNICMASTER Sets for two, four or six persons. Embodying the famous TWINKUP and TARTAN Vacuum Flasks, these sets cope compactly with all picnicking needs. The cases are featherweight, tough and stylishly patterned. All flasks are secured with SEAL-A-VAC—the favourite leakproof stopper which is a 'must' for all al fresco occasions.



Write for fully illustrated leaflets, prices and terms.

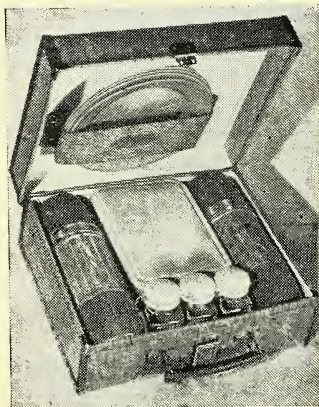
Export enquiries also invited.

Obtainable from leading wholesalers and factors.

## Picnicmaster Sets

Produced by THE BRITISH  
VACUUM FLASK CO. LTD.

LISSENDEN WORKS GORDON HOUSE ROAD, N.W.5,



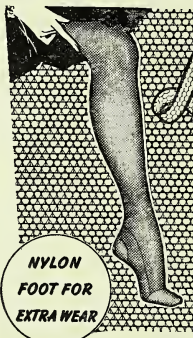
TYPICAL  
SET FOR  
FOUR  
PEOPLE

T44TK. Case measures 13" x 12" x 5". Complete with two 'Twinkup' Flasks, one Food Box, Four 8" plates, Three Bottles, Six Napkins.

## FINE ELASTIC NET TO MEASURE

and you don't even have to  
stock them—to sell them!

Lastonet surgical stockings are sold for you through NATIONAL & MEDICAL JOURNAL ADVERTISING. All you need is a supply of measurement forms which we will gladly send to you together with display material and particulars of trade discount. Write today!



# Lastonet

E-L-A-S-T-I-C  
NET STOCKINGS

★ MADE ONLY  
TO MEASURE

★ INVISIBLE under  
ordinary stockings

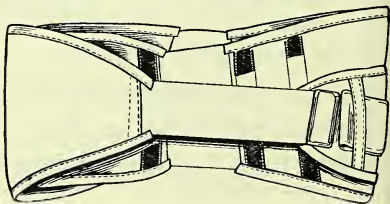
★ COOL TO WEAR

LASTONET PRODUCTS LTD. Carn Brea, Redruth, Cornwall

## "Clifton"

Brand

SURGICAL APPLIANCES and SUNDRIES  
ABDOMINAL BELTS and CORSETS  
SUSPENSORY BANDAGES  
JOCK STRAPS ELASTIC HOISERY  
TRUSSES CHEMISTS SUNDRIES



Appliances N.H.S. All types

Special terms to wholesaler

Write for price list

CHARLES WILLIAMS & Co.

(Prop.: A. G. Price)

STONEY STREET • BEESTON • NOTTS



# TANNIC ACID

(Bulk  
Supplies  
Only)

## AND DERIVATIVES

THE BRITISH DYEWOOD COMPANY LIMITED  
19 St. VINCENT PLACE, GLASGOW, C.I

# GALLIC ACID PYROGALLIC ACID

(RESUBLIMED, PURE CRYSTAL AND TECHNICAL)

## AND DERIVATIVES

WHOLESALE AND EXPORT ONLY

J. L. ROSE, LIMITED, ABBEY ROAD, BARKING, ESSEX

## CANISTERS LTD



*Invite inquiries for*

**SPIRALLY WOUND  
CARDBOARD TUBES**

*up to 1/2" wall*

**POSTAL TUBES AND  
TOILET ROLL CENTRES  
also COMPOSITE DRUMS**

**FIR ST. WORKS**

Heywood, Nr. Manchester

## F. SCHUTZE & Co., LTD.

ESTABLISHED 1882

For "MASTER" BRAND SURGICAL TRUSSES  
SUSPENSORY BANDAGES  
JOCK STRAPS, etc., etc.

PERFUMERY BOTTLE WICKERERS in RAFFIA  
or SILK, plain or fancy, wide range of designs.  
Own bottles wickered at moderate cost

Black Bull Works, Market Road  
London, N.7

# FRANCO-BRITISH GLASS CO. LTD.

*For Ampoules & Vials.*

15/17 KING STREET, ST. JAMES'S  
LONDON, S.W.1  
Telephone . . . ABBEY 4181

IN BULK-LOOSE TO WHOLESALERS AND PACKERS

## GENERAL TABLETING SERVICE

*Enquiries invited*

**STANDARD SACCHARIN TABLETS, Etc.**

THE DALES TABLET MAKERS LTD. Steeton, Nr. Keighley

Phone: STEETON 3222



# CANNON RUBBER

## ADVERTISING BOOSTS SALES OF

# "MODERN" TEATS

In journals with a circulation totalling many millions, the consistent, nation-wide advertising for the MODERN TEAT is part of the CANNON policy of maintaining the high demand naturally developed by the inherent quality of a superior article. Check your stocks now and remember that the one and three hole perforations are equally popular. *In attractive hygienic transparent packs — from your regular wholesalers.*



AN ALL COTTON WOOL PRODUCT OF REPUTE

# Consolux

Patent No. 410702  
(Registered)

**SUPERFINE QUALITY**  
**ALL WOOL SANITARY TOWELS**

**LOOPED ENDS**  
**NON-ABSORBENT BACK**  
**WHOLESALE ONLY**

**ROBERT BAILEY & SON, LTD.**

SURGICAL DRESSINGS MANUFACTURERS  
DYSART STREET, GREAT MOOR, STOCKPORT  
Phone: STEPPING HILL 3006/7, Grams: "UNDISPUTED" STOCKPORT

# "SURCO"

RELIABLE  
**ELASTIC HOSIERY**

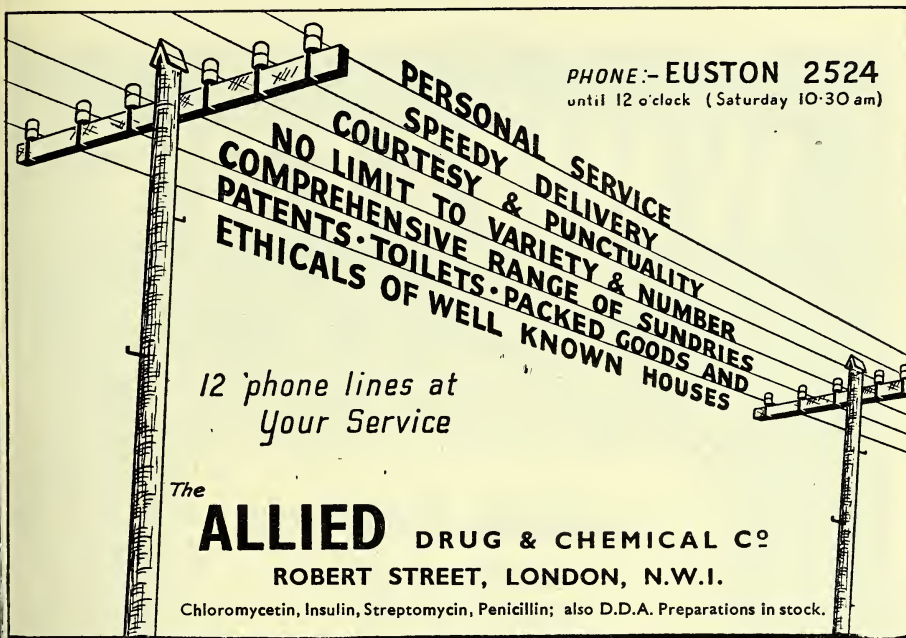
SEAMED AND SEAMLESS  
**SURGICAL BELTS**  
**TRUSSES AND SUNDRIES**

*Over 50 years' service of  
everything Surgical*

**SURGICAL HOSIERY CO. LTD.**

Russell Street - NOTTINGHAM  
Telephone No. 75903 Telegrams: Surgical Nottm





**PERSONAL SERVICE**  
**SPEEDY DELIVERY**  
**NO LIMIT TO VARIETY & NUMBER**  
**COMPREHENSIVE RANGE OF SUNDRIES**  
**PATENTS • TOILETS • PACKED GOODS AND**  
**ETHICALS OF WELL KNOWN HOUSES**

PHONE:- EUSTON 2524  
until 12 o'clock (Saturday 10-30 am)

12 'phone lines at  
Your Service

The  
**ALLIED** DRUG & CHEMICAL CO  
ROBERT STREET, LONDON, N.W.1.  
Chloromycetin, Insulin, Streptomycin, Penicillin; also D.D.A. Preparations in stock.

## MAURITIUS

A well established and reputable firm offer services to British Firms desirous of extending their connections in Mauritius. Excellent coverage and intimate knowledge of territory.

Only first-class firms considered. Bankers references exchanged... Specially interested in GALENICALS, PROPRIETARIES, SUNDRIES, but other suitable lines would be considered... Correspondence invited.

**B. BAILLACHE & CO. LD** PORT LOUIS MAURITIUS

**FACE TOWELS.** 12 x 12 Heavy quality Terry. Cellophane wrapped, 16/8 doz. 3 doz. 16/- doz.

**FINGER STALLS.** 1st Quality Leather. Elastic with Hook Fastener. Asst. sizes 7/6 dozen. Gross Lots 82/-

**FLORAL PLASTIC SPONGE BAGS.** 24/- doz.

**PLASTIC BABY PANTS,** large. 16/-, 20/- doz.

**PLASTIC TOILET BAGS.** 8½" x 5½" 40/- doz.

Money refunded if not to your satisfaction

**RENNY, Milford, SURREY**

## The House for TABLETS & PILLS

A complete range supplied packed or in bulk. Also we make to private and special formulæ.

PROPRIETARY REMEDIES PREPARED & PACKED—

The **COOPER** Laboratory Ltd

## BULK TABLETS

supplied in convenient quantities from 100 upwards

Copy of our N.F. 1949 list sent on request.

**SACCHARIN TABLETS** in pkts. of 100 or in Bulk.

THE SPECIALIST HOUSE  
**WATFORD**

# WHIFFEN'S

## *Fine Chemicals*

CAMPHOR CLOVE OIL  
ALMOND OIL

LIQUID EXTRACTS OF  
NUX VOMICA  
IPECACUANHA  
AND CINCHONA



WHIFFEN & SONS LTD., FULHAM, LONDON, S.W.6  
FINE CHEMICAL DIVISION OF  
BRITISH CHEMICALS & BIOLOGICALS LTD.

Phone :  
RENown 3416

Telegrams :  
Whiffen, Walgreen, London



**FOR HOME & EXPORT**

***Tartaric Acid B.P.***

***Citric Acid B.P.***

***Peptone***

***Diastase***

***Iodides***



★ We can  
supply these  
and many other  
items advantageously.

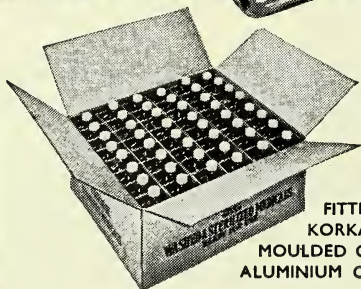
**M·W·HARDY  
AND COMPANY  
(OVERSEAS) LTD**

**PINNERS HALL·GT WINCHESTER ST·LONDON·EC.2**

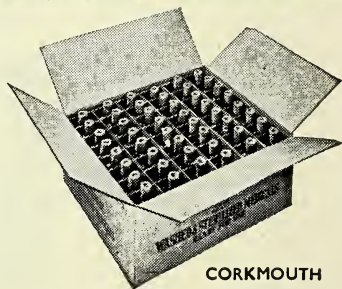
**TELEPHONE: LONDON WALL 7131**

*The  
Complete Service*

WASHED AND  
STERILIZED  
READY FOR USE



FITTED  
KORKALITE,  
MOULDED OR  
ALUMINIUM CAPS



CORKMOUTH

**UGB**

**UNITED GLASS BOTTLE  
MANUFACTURERS LTD.**

8 LEICESTER STREET, W.C.2

Tel. GERRARD 8611 (18 Lines) Grams: UNGLABOMAN LESQUARE, LONDON



# BARTLETT'S *Sun glasses* for **1951**



Never before has such a comprehensive selection of sun glasses been available! The 1951 Bartlett range includes all the latest styles, materials and colours - at retail prices from 8d. to 2 guineas. To be sure of quick and profitable sales order your Bartlett's sun glasses now - our new price list is available on request.

**Order from your  
Wholesaler**

WHOLESALE ENQUIRIES ONLY TO

**ALFRED FRANKS & BARTLETT CO. LTD.**  
**AUDREY HOUSE, ELY PLACE, LONDON E.C.1.**

TELEPHONE HOLBORN 1078/9 (P×)



## case not dismissed...

... fresh evidence has come to hand to prove that the case in question must be asked to undergo further trials.

By that we mean that the case of these cases (or containers), and their acute shortage owing to the near-impossible raw material position, is of national importance. Today, to facilitate

fresh supplies of goods for you, each container should be stored for collection by the C.R.S van—and re-use.

# CONTAINER *recovery service*



S.P.D. LIMITED, 3-5 SALISBURY SQUARE, LONDON, E.C.4



# *Now on sale in Britain* **FRANCE'S FINEST FILM**



***For Speed &  
Brilliance***

The **PRIZES** your customer obtains with S.P.O. Films are in the **RESULTS** of the photographs.

Thousands of satisfied users everywhere are now asking for S.P.O. Films by name. You *can* recommend S.P.O. with every confidence.

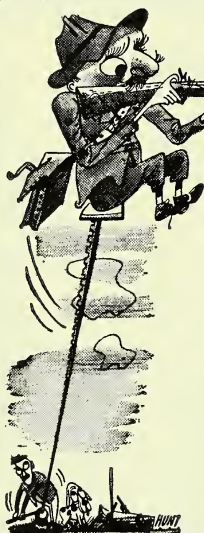
*Show matter available.*

SOLE IMPORTERS

**N. & M. GOULD LTD.**

**62-66 STONEY LANE, LONDON, E.C.3**

*Telephone: BISHopsgate 1172/3/4*



*A new line of approach*

A new approach in the treatment of children with the vitamin B complex is provided by Befortiss Elixir. This is a pleasantly flavoured preparation which children readily accept, when capsules, tablets and less palatable fluids might be resisted.

## BEFORTISS ELIXIR

*The vitamin B complex in a pleasant fluid medium*

ELIXIR	CAPSULES	1 c.c. AMPOULES
4 fl. ozs. - - 7/6	25 - 2/6 20/- Doz.	3 - - - 5/-
60/- Doz.	100 - 8/- 64/- ..	40/- doz. boxes of 3
40 fl. ozs. - 63/-	500 - 32/- 21/4 Each	12 - - - 16/-
42/- Each	1000 - 60/- 40/- ..	10/8 per box of 12

● All V.L. specialities are prescribable under the N.H.S. The cost is in no case greater than the official preparation: in some cases, it is either less or there is no official equivalent



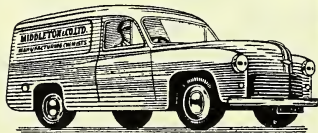
VITAMINS LIMITED, UPPER MALL, LONDON, W.6



## GOOD SERVICE

*in the North East!*

NORTHUMBERLAND, DURHAM & N. YORKS  
VAN DELIVERIES



Drugs, Galenicals, Tablets, Pills and Capsules. Ethical Proprieties, Patents, Surgical Dressings and Sundries. Fine and Analytical Chemicals. Scientific Apparatus and Glassware.

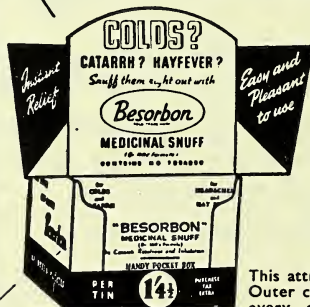
We shall be pleased to send our new proprietary list on application.

### Middleton & Co. Ltd.

MANUFACTURING CHEMISTS  
BOUNDARY ROAD, MIDDLESBROUGH  
TELEPHONE MIDDLESBROUGH 3207-8-9



## A GRAND COUNTER ATTRACTION - and FREE!



This attractive Display Outer comes free with every dozen lot of

Besorbon medicinal snuff. Give your usual wholesaler a trial order for this all-year-round preventive remedy for Hay Fever, Colds and Catarrh—backed by national advertising, Besorbon sells on sight! Put it on your counter.

## BESORBON

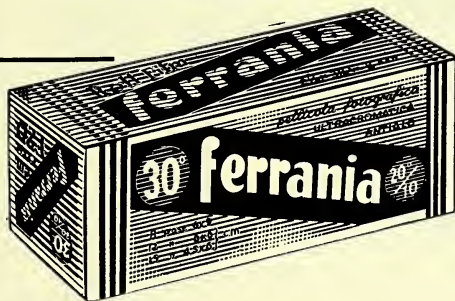
Kemsales Ltd., 20 Eastcheap, London, E.C.



---

**“I got my best  
holiday pictures  
with Ferrania  
—the wonderful film”**

---



Obtainable in the following sizes : Roll Films,  
20, 520, 27, 16, 516, (Ortho or Superpan).  
35 mm cassettes and refills, 1 x 36, 3 x 36 and  
10 x 36 (F.G. Pan). Film Packs  $3\frac{1}{4} \times 2\frac{1}{4}$  in. and  
9 x 12 cm., (Superpan).

**NEVILLE BROWN  
& COMPANY LIMITED**

77 NEWMAN STREET, LONDON, W.1. Tel: LANgham 7161 (6 lines)



## MOSELEY MOULDED HOT WATER BOTTLES

*A warm line  
for cold nights*

MOSELEY moulded hot water bottles are supplied in red, green or blue, whilst the moulded cot hot water bottles can be had in a variety of attractive pastel shades. Handmade, fabric reinforced hot water bottles are supplied in red or white.

# MOSELEY

Further details and terms from:—

**DAVID MOSELEY & SONS LTD.** ARDWICK, MANCHESTER 12  
53/55 NEW BOND ST., LONDON W.1  
54 GEORGE ROAD (ISLINGTON ROW) EDGBASTON, BIRMINGHAM 15



## Have you obtained your “AURORAL” DYE COUNTER DISPLAY CABINET?

★ Best for display ★ Easiest for storage

Supplied FREE with a gross order  
in any assortment.

# AURORAL COLD WATER DYES

Price 4/- per dozen, less 5% for cash in 7 days  
Retail (P.A.T.A.)—6d per packet

ATTRACTIVE SHADE CARDS  
& SHOWCARDS AVAILABLE

**WHITAKER & CO. (KENDAL) LTD.**

DYE AND CHEMICAL MANUFACTURERS, KENDAL

**JKL**

ANIS OIL  
AGAR AGAR  
ALOE CAPE and CURACAO  
BELLADONNA LEAVES and ROOT  
BERGAMOT OIL  
CAMPHOR, JAPANESE  
CHILLIES  
CINCHONA BARK  
DIGITALIS LANATA  
LIQUORICE ROOT and JUICE  
MENTHOL CRYSTALS  
ORANGEPEEL  
PEPPERMINT OIL  
SAGE LEAVES  
STROPHANTHUS SEED  
TONQUIN BEANS  
and all other crude Drugs, Essential  
Oils and Spices.

**JOHN KELLYS (LONDON) LTD.**

24 OLD BROAD STREET, LONDON, E.C.2

Telephones: LONDON Wail 4882, 6385, 6386

Telegrams: “Ergotine, Stock, London”

Branches in New York and Hamburg



# THE PUBLIC STOP AND LOOK....



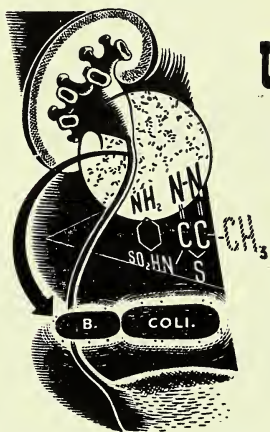
## AT AN 'ASPRO' FESTIVAL DISPLAY

The window display that makes the public stop is the display that is doing its job. The 'ASPRO' Festival display attracts and holds the public because the Festival is news—thousands are visiting exhibitions all over the country—columns of newspaper space are being devoted to it. You can't go wrong when you combine the best-known event of the year with the best-known medicine in the country in your window-display.

**SHOW IT NOW**  
*and get the full* **INTEREST VALUE**

**AN 'ASPRO' COUNTER SHOWBOX MEANS  
EXTRA SALES ALL THE TIME!**





# UROLUCOSIL

2—SULPHANILAMIDO—5—METHYL—1—THIO 3: 4—DIAZOLE

UROLUCOSIL is a new sulphonamide for the specific treatment of *B. coli* infections of the urinary tract; general practitioners treat such infections very frequently.

Important points about UROLUCOSIL are:—

- Small dosage (0.1 G.) 4 hourly.
- No side effects.
- Great solubility—98% at a pH of 7.
- No depression.

Physicians throughout the United Kingdom are being informed personally, in interviews with medical representatives, by mail and by advertising in the medical journals, of the properties of UROLUCOSIL. Pharmacists are advised to hold stocks sufficient to meet prescription demands.

UROLUCOSIL IS LISTED AS  
PART I, SCHEDULE I, SCHEDULE IV POISON  
and is not subject to purchase tax.  
It is available in bottles  
of 25 tablets and 250 tablets.

*William R. WARNER and Co. Ltd.*

POWER ROAD, LONDON. W4

## **"NORVEX"** PRODUCTS

**SPONGE BAGS  
BABY PANTS  
COT SHEETS  
TOILET BAGS  
FACE CLOTHS**

**GOOD DESIGNS and  
KEEN PRICES**

WHOLESALE AND RETAIL ENQUIRIES  
INVITED

Write for Samples to

**CROSSKILLS** OF NORWICH

# M&W

*for  
Better Value*

**PILLS  
TABLETS  
CAPSULES  
LOZENGES  
SUPPOSITORIES**

*Quotations on request*

**MATTHEWS & WILSON LTD.**

6-8 COLE ST., LONDON, S.E.1.  
TELEGRAMS: PILLBOLU, SEDIST, LONDON • PHONE: HOP. 2147-8



# *Firm Favourites!*

*with every member of the family . . . .*

## **CUTICURA PREPARATIONS**

MEDICINAL AND TOILET

**SOAP • OINTMENT • TALCUM POWDER • SHAVING STICK**

These grand aids for skin care have been giving confidence and satisfaction for over 70 years. Public confidence in these firm favourites is shown by an ever-increasing demand that is strongly supported by consistent and widespread advertising. Profits are good and sales promoting window displays are always at your service.

**DON'T FORGET YOUR MEN CUSTOMERS** — win them with the smooth after-shave-ease of Cuticura Shaving Stick in the smart plastic case and they will come back regularly for refills. Men quickly learn the Cuticura way—a wash with mildly medicated Cuticura Soap . . . a lather with Cuticura Shaving Stick . . . a dusting with Cuticura Talcum Powder and a tin of Cuticura Ointment for the occasional 'nick' or cut.

*All Cuticura products are now packed in modern attractive display outers  
—just the right size for your counter or window.*

**SHOW THEM TO SELL THEM**

*British Distributors:* **NEWBERY & PHILLIPS LTD.**

203 Victoria House, Southampton Row, London, W.C.1.

TELEPHONE: HOLBORN 1564.

*Manufacturers:* **POTTER DRUG & CHEMICAL CORPORATION.**

205-207 Victoria House, Southampton Row, London, W.C.1.

# Summer Sore Throats Subdued...



## SIMPKINS LEMON FLAVOURED IODISED SORE THROAT TABLETS

meet the need for a refreshing palatable medicated tablet to counteract parched and dry throats so prevalent in summer.

A tested and proved formulation. Pleasant to take and most efficient in action.

Repeat sales certain from satisfied customers.

**PRICE TO CHEMIST—per lb. 3/9**

(Plus purchase tax)

**RETAIL PRICE—per ounce 5d.**

# Simpkins

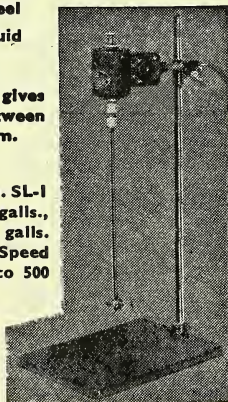
**OF SHEFFIELD**

## THE **FLUID** AGITATOR-EMULSIFIER LABORATORY MODEL SL-A

All Stainless Steel  
Contact with Fluid

Built-In Control gives  
speed variation between  
20 and 2000 r.p.m.

Also larger models. SL-1  
for vessels up to 5 galls.,  
and SL-2, 10 to 15 galls.  
capacity. S.C. High Speed  
Agitators for up to 500  
galls.



**IMMEDIATE  
DELIVERY**

**FLUID EQUIPMENT CO. LTD.**  
(Dept. S.D.) 83 Seaford Road, London, N.11  
Phone: ENT 2565

## When it's Sundries Think of "Ritchies"!

*A few samples from our range:*

Arch Supports	Gillettes
Hypodermic Needles (Stainless)	Personna
Dressings of all types	Dunlopillo
Weighting Machines	Cushions
Ramer Sponges	Electric Blankets
Spontex Sponges	Heat-Pads
Pill Boxes	"Agrippa" Teats
Scissors of all Types	Feedrites
We stock Addis, Halex and Hygex Brushes	Dropper Bottles
Scottish distributors of Plim Hypodermic Syringes	

**George B. Ritchie & Co Ltd**  
249 Buchanan St. Glasgow C.1  
Tel: DOUGLAS 0532/3



**AEROMATT**

**CITRIC ACID**

**CITRIC ACID ANHYDROUS**

**PRECIPITATED CALCIUM  
CARBONATE**

**SODIUM POTASSIUM TARTRATE**

**POTASSIUM BICARBONATE**

**JOHN & E. STURGE LTD.**

**1 WHEELLEYS ROAD · BIRMINGHAM 15**



DOCTORS ARE PRESCRIBING

**R<sub>x</sub> Cardophylin**

TRADE MARK

(BRAND OF THEOPHYLLINE-ETHYLENEDIAMINE)

**VASODILATOR • RESPIRATORY STIMULANT • DIURETIC****Cardophylin is available in tablets, ampoules and  
suppositories.***Cardophylin is the registered trade mark of the manufacturers  
Whiffen & Sons Ltd.**Literature is available on request to the distributors :—***BENGER LABORATORIES LTD., HOLMES CHAPEL, CHESHIRE****TUNGLOSE**

BRAND

**DEXTROSE  
MONOHYDRATE****TUNNEL GLUCOSE  
REFINERIES LTD.****Bank Chambers, 329 High Holborn,  
London, W.C.1***Telephone: Chancery 6524 (6 lines)***Works: Tunnel Avenue, Greenwich****CORIANDER OIL**

B.P.

**CARAWAY OIL**

B.P.

**JUNIPER BERRY OIL**

B.P.C.

**GALE & MOUNT**

LTD.

**37 ROTHSCHILD ROAD  
LONDON, W.4***Telephone: CHIswick 6628/9*



# **Sunburn...**

and other painful, itching or inflammatory conditions of the skin and the mucosæ are quickly relieved by the application of

## **PANTHESINE BALM**

**Panthesine Balm is indicated in : Burns—  
Chilblains—Insect stings — Chapped nipples —  
Aphthous stomatitis—Gingivitis—Pruritus ani  
and vulvæ — Hæmorrhoids—Varicose ulcers—  
Arthritis — Muscular rheumatism — Lumbago—  
Sciatica—Intercostal neuralgia—Neuritis.**

Panthesine Balm is an ointment containing 5 per cent. N-diethyleucinol ester of p-aminobenzoic acid incorporated in an emollient base. It is a local anæsthetic of low toxicity having a mild pleasant odour and it does not stain the tissues or the clothes of the patient.

*Supplied in tubes of 10g. and 20g.*

*Literature available on request.*



**SANDOZ PRODUCTS LIMITED**

134, Wigmore Street,

London, W.1.



**Keep them skipping fit Mother!**

with **EDME "Autumn Sun"**

EXTRACT OF MALT  
WITH COD LIVER OIL

*The finest protection for chills and ills*

# Have you seen



new beautifully designed  
showcard size 23" x 17½" in  
full colours?

With the two side panels 17" x 10½"  
each also supplied, the whole makes  
an attractive window display that  
compels attention, and creates sales.

**THE COMPLETE SET IS FREE.** Ask  
our representative, or write to us  
for your **FREE** set.

EDME "AUTUMN SUN" is the  
Malt and Oil with the "taking  
flavour."

For prices and further particulars write to:—

**EDME LIMITED**

84-86 REGENT ST., LONDON, W.1

Phone: Regent 5563-4

**This Festival year more than ever  
... millions will be saying**

# I'd rather have a Jaffajuce

JAFFAJUCE ORANGE contains more than three times as much orange juice and pure  
sugar as the standard laid down by the Ministry of Food.  
Awarded the Certificate of the Royal Institute of Public Health and Hygiene.  
Jaffajuce has now also received the Good Housekeeping Institute Gold Seal for quality.

Order through your usual wholesaler. In case of difficulty write to:—

**JAFFAJUCE LIMITED, 87 REGENT STREET, W.1.**





display  
this  
**OUTER**  
for  
good  
repeat  
business

IN POCKET SIZE TINS, MEDIUM & LARGE

*Flexoplast*  
BRAND  
regd

FIRST-AID DRESSINGS

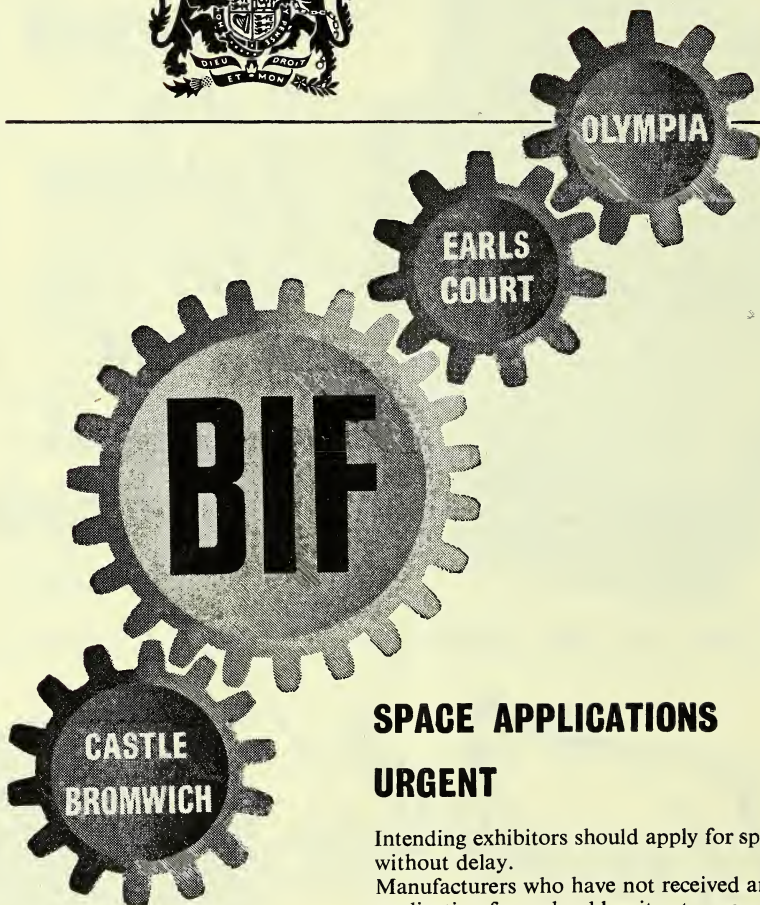
OBTAINABLE FROM YOUR  
USUAL WHOLESALE SUPPLIER

Manufactured by  
EDWARD TAYLOR LTD., MONTON, LANCs.

Established over 100 years



Flexoplast Dressing is  
also available in the  
new hygienic cartons.  
Size  $1\frac{1}{2}$  x 1 yard and  
 $2\frac{1}{2}$  x 1 yard.



## SPACE APPLICATIONS URGENT

Intending exhibitors should apply for space without delay.

Manufacturers who have not received an application form should write at once —

### FOR THE LONDON SECTION TO:

The Commercial Relations and  
Exports Department, Board of Trade,  
Lacon House,  
Theobalds Road, London, W.C.1.  
Telephone: CHANCERY 4411.

### FOR THE ENGINEERING AND HARDWARE SECTION TO:

Birmingham Chamber of Commerce,  
95, New Street, Birmingham, 2.  
Telephone: Birmingham MIDLAND 5021.

**BRITISH INDUSTRIES FAIR - MAY 5-16, 1952**





# NIVEA

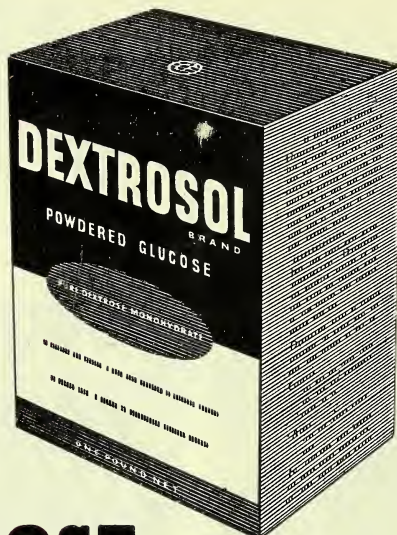
*— best in  
the sun!*



What is it about NIVEA that makes it such an EASY line to stock? Popular in all markets? Yes. Priced to suit all pockets? Right. *A best-seller all through the year?* Absolutely! There's no "end of season" for NIVEA. You order in any quantity that suits your stock-room. No need for elaborate estimates of seasonal needs. 'Skin needs Nivea' all the year round.

... and it's NIVEA

*all the year round*



# \* GLUCOSE

## and the Doctor's Prescription

When a doctor prescribes pure medicinal glucose he is doing so to differentiate between this grade and many forms of glucose which contain mineral and vitamin additives. In such cases chemists can best ensure that

the patient is receiving what the doctor has prescribed by dispensing "Dextrosol" Brand Powdered Glucose. This can be obtained through the usual wholesale channels and is packed in 1 lb. cartons.

- \* The word Glucose is used to refer to a group of sugars in varying degrees of conversion between starch and dextrose. It is in the form of dextrose that the conversion has been carried to that complete stage which admits of assimilation without digestive effort. Pure dextrose is identical with the sugar of the blood and tissues and, on administration, is immediately available as a source of heat and energy.

# DEXTROSOL

BRAND POWDERED GLUCOSE

**The Doctor's Prescription for Pure Medicinal Glucose**

Manufactured and packed by

CORN PRODUCTS COMPANY LTD., WELLINGTON HOUSE, 125-130 STRAND, LONDON, W.C.2.

A member of the Brown & Polson Group.



July 14, 1951

THE CHEMIST AND DRUGGIST

iii

# Aloin

*Manufactured at our  
Garden City Factory from the  
selected dried juices of the finest  
ALOE LEAVES*

*Aloe  
Vulgaris*

CARNEGIE CHEMICALS  
(WELWYN) LTD

*Manufacturers of Fine Chemicals . . .*

WELWYN GARDEN CITY, HERTFORDSHIRE, England

Cables : "Carnechem, Welwyn Garden."

Telephone : Welwyn Garden 506



*The*  
**CHEMIST AND DRUGGIST**

JULY 14, 1951

THE  
CHOICE  
OF  
EXPERTS

**ZEAL** BRITISH  
MADE



**CLINICALS**

No higher in  
price than  
nondescript  
makes . . .  
Also—Household  
Bath and Works  
Thermometers  
the best of  
their kind.

G. H. ZEAL LTD. LOMBARD ROAD, MORDEN ROAD, LONDON, S.W.19

Phone  
LIBERTY 2283-4-5

THE OLDEST SPECIALISTS IN THE TRADE

**PILLS & TABLETS  
CAPSULES, GALENICALS  
OINTMENTS, ETC.**

**BULK OR PACKED · HOME & EXPORT**

OFFICIAL PREPARATIONS PROMPTLY SUPPLIED  
CUSTOMER'S OWN FORMULÆ ARE OUR SPECIALITY  
PRICE LIST OR QUOTATIONS ON REQUEST

**CASTLE HUSKISSON LTD**

SWINTON WORKS, MOON STREET  
ISLINGTON, LONDON, N.1

Established 1768

Telephone: Canonbury 3466

**CASTLE BRAND**